



**Picture 32: Antenna tower Sector 1**



Picture 33: Confined space sign Sector 1 at septic tank area



Picture 34: Confined space sign at cover to pump that moves waste to leach field Sector 1



**Picture 35: Crack on concrete barrier for transformers in Sector 1 due to frost**





**Picture 36: Transformers to Sector 1 12,700 volts**



**Picture 37: Part of transformer cooling system**





**Picture 38: Sector 1 garage**



**Picture 39: Antenna system Sector 1**



**Picture 40: Antenna system Sector 1**

## Site Photographs from 2003 EBS

### Transmitter Site

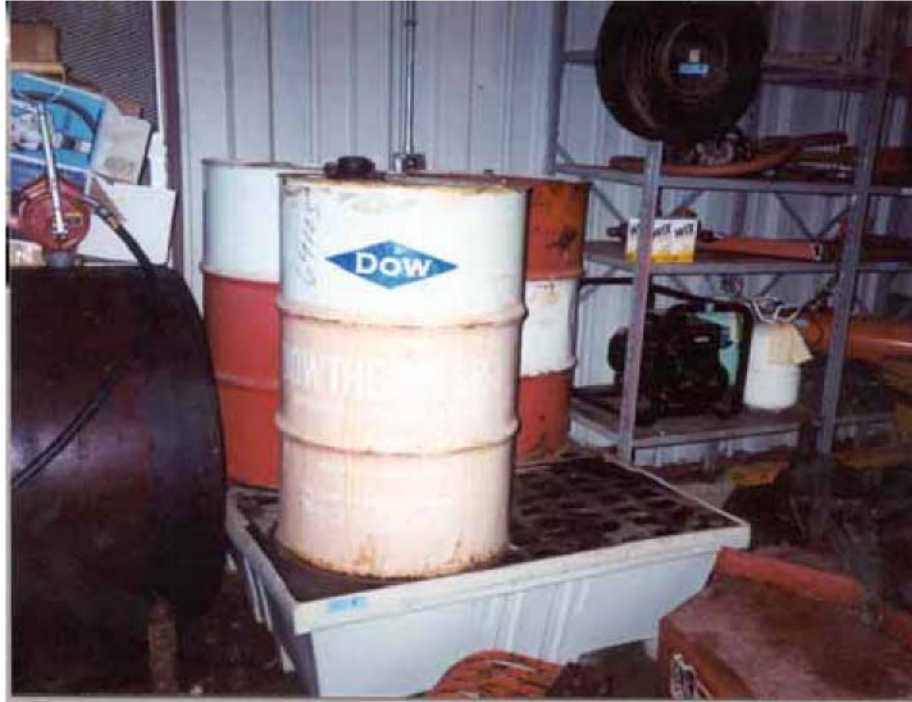


**Pic1. Transmitter Site-near Sector1,  
building, transformer accessed only by the electric company.**



**Pic2. Transmitter Site-Sector1, garage, diesel fuel storage tank in use.**





**Pic3. Transmitter Site-Sector1, garage. Empty drums, previous contents unknown.**



**Pic4. Transmitter Site-Sector1, garage. Empty hazardous waste drum. Previous contents unknown.**



**Pic5. Transmitter Site-Sector1,  
battery room, nickel-cadmium batteries**



**Pic6. Transmitter Site-Sector1, transmitter  
array from the perimeter fence**



**Pic7. Transmitter Site-Sector1, supply room**



**Pic8. Transmitter Site-Sector1, transformers**





**Pic9. Transmitter Site-Sector1, debris site**



**Pic10. Transmitter Site-Sector1,  
Propylene and Ethylene Glycol pipes and storage tanks with water tank in background**



**Pic11. Transmitter Site-Sector2, boxes of transformers**



**Pic12. Transmitter Site-Sector2,  
hazardous material storage cabinet used every day maintenance of facility.**



**Pic13. Transmitter Site-Sector2, generator batteries**



**Pic14. Transmitter Site-Sector2, limestone drain in battery room**





**Pic15. Transmitter Site-Sector3, transformer**



**Pic16. Transmitter Site-Sector3, unknown stain**

## **Appendix G**

### **Site Inspection Documents**

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#### **APPENDIX G-1      RECORDS SEARCH REPORT AND CORRESPONDENCE**

- EDR RADIUS MAP – JUNE 2006
- EDR RADIUS MAP – OCTOBER 2002
- REAL PROPERTY LIST
- CHAIN OF TITLE
- CULTURAL RESOURCES REPORT
- CORRESPONDENCE

#### **APPENDIX G-2      INTERVIEWS REPORT**

- EBS QUESTIONNAIRE & NOTES

#### **APPENDIX G-3      PROPERTY INVESTIGATIONS**

- UNDERGROUND STORAGE TANK  
REMOVAL INFORMATION
- OIL/WATER SEPARATOR DRAWING
- WATER WELL TEST RESULTS

#### **APPENDIX G-4      BUILDING SPECIFICATIONS**

#### **APPENDIX G-5      VISUAL SITE INSPECTION REPORT**

#### **APPENDIX G-6      HAZARDOUS MATERIALS INVENTORY**

**Appendix G-1**  
**Records Search Report and Correspondence**

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# **The EDR Radius Map with GeoCheck®**

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## **The EDR Radius Map with GeoCheck®**

**Moscow Transmitter Site  
Rte 16  
Moscow, ME 04920**

**Inquiry Number: 01697476.2r**

**June 15, 2006**

## **The Standard in Environmental Risk Management Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

RTE 16  
MOSCOW, ME 04920

#### COORDINATES

Latitude (North):	45.160800 - 45° 9' 38.9"
Longitude (West):	69.859100 - 69° 51' 32.8"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	432477.4
UTM Y (Meters):	5000955.0
Elevation:	1423 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	45069-B7 DIMMICK MOUNTAIN, ME
Most Recent Revision:	1989
West Map:	45069-B8 CARATUNK, ME
Most Recent Revision:	1989

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### FEDERAL RECORDS

<b>NPL</b> .....	National Priority List
<b>Proposed NPL</b> .....	Proposed National Priority List Sites
<b>Delisted NPL</b> .....	National Priority List Deletions
<b>NPL RECOVERY</b> .....	Federal Superfund Liens
<b>CERCLIS</b> .....	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b> .....	CERCLIS No Further Remedial Action Planned



## EXECUTIVE SUMMARY

<b>CORRACTS</b>	Corrective Action Report
<b>RCRA-TSDF</b>	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b>	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b>	Resource Conservation and Recovery Act Information
<b>ERNS</b>	Emergency Response Notification System
<b>HMIRS</b>	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b>	Engineering Controls Sites List
<b>US INST CONTROL</b>	Sites with Institutional Controls
<b>DOD</b>	Department of Defense Sites
<b>FUDS</b>	Formerly Used Defense Sites
<b>US BROWNFIELDS</b>	A Listing of Brownfields Sites
<b>CONSENT</b>	Superfund (CERCLA) Consent Decrees
<b>ROD</b>	Records Of Decision
<b>UMTRA</b>	Uranium Mill Tailings Sites
<b>ODI</b>	Open Dump Inventory
<b>TRIS</b>	Toxic Chemical Release Inventory System
<b>TSCA</b>	Toxic Substances Control Act
<b>FTTS</b>	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b>	Section 7 Tracking Systems
<b>ICIS</b>	Integrated Compliance Information System
<b>PADS</b>	PCB Activity Database System
<b>MLTS</b>	Material Licensing Tracking System
<b>MINES</b>	Mines Master Index File
<b>FINDS</b>	Facility Index System/Facility Registry System
<b>RAATS</b>	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>SHWS</b>	Remediation Sites List
<b>DEL HWS</b>	Sites Removed from the Uncontrolled Sites List
<b>SWF/LF</b>	Solid Waste Facility List
<b>LCP</b>	Municipal Landfill Closure Database
<b>LUST</b>	Hazardous Material and Oil Spill System Database (H.O.S.S.)
<b>UST</b>	Underground Storage Tank Database
<b>LAST</b>	HOSS Database
<b>AST</b>	Aboveground Storage Tanks
<b>ME Spills</b>	Hazardous Material and Oil Spill System Database
<b>INST CONTROL</b>	Remediation Sites List
<b>VCP</b>	Remediation Sites List
<b>DRYCLEANERS</b>	Drycleaner Facilities
<b>BROWNFIELDS</b>	Remediation Sites List
<b>AIRS</b>	Emissions Inventory Data

### TRIBAL RECORDS

<b>INDIAN RESERV</b>	Indian Reservations
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### EDR PROPRIETARY RECORDS

<b>Manufactured Gas Plants</b>	EDR Proprietary Manufactured Gas Plants
<b>EDR Historical Auto Stations</b>	EDR Proprietary Historic Gas Stations
<b>EDR Historical Cleaners</b>	EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

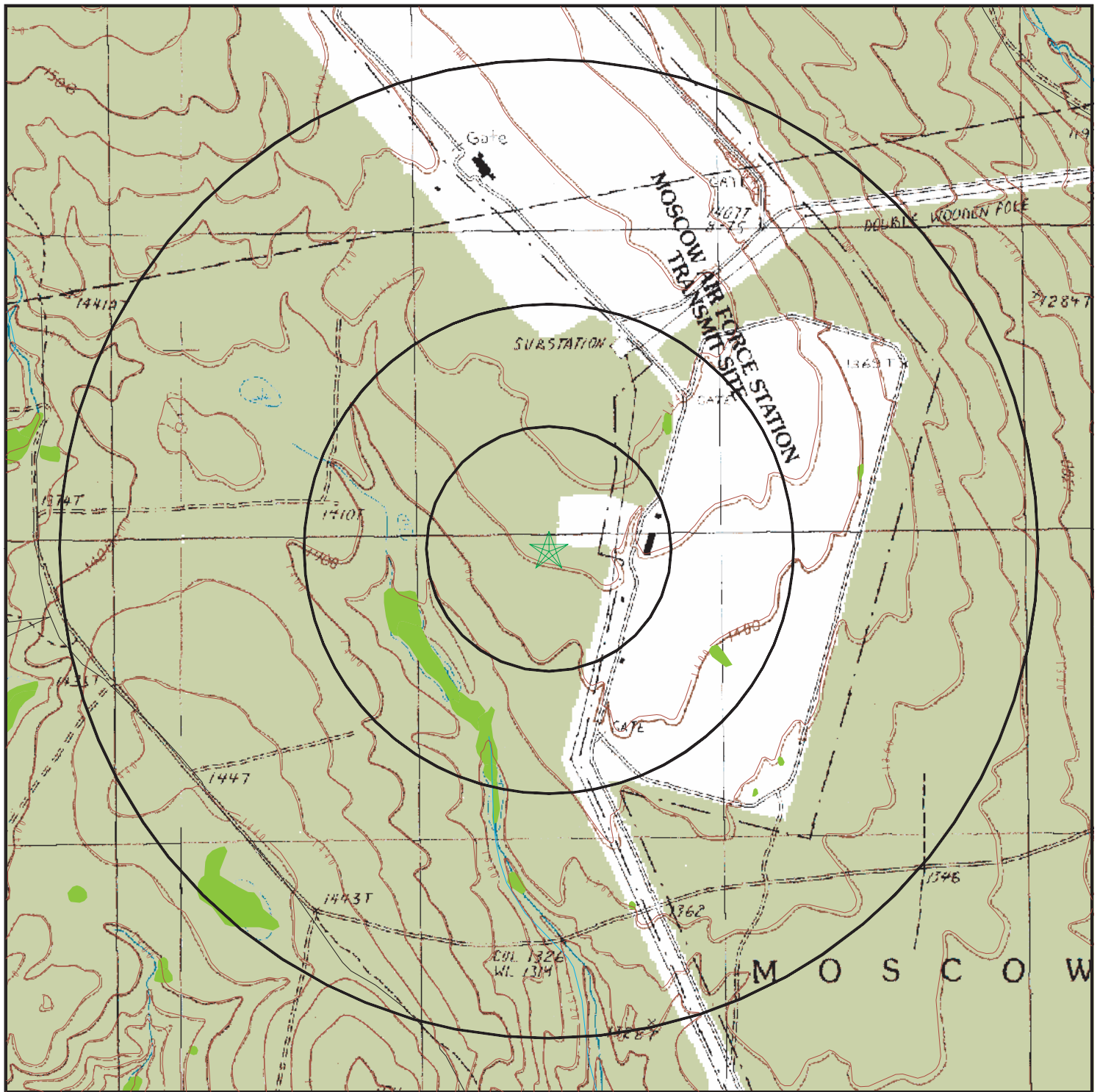
Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
SOMERSET OIL CO. BULK PLANT	LAST
PROPERTY OF MARSHA AND WILLIAM CUMM	LAST
RAILROAD TRACKS	LAST, DEL HWS
P.O. BOX 652	SWF/LF
ROUTE LEADING FROM CONCORD TO PLEAS	SWF/LF
CLARK'S GARAGE	LUST
MOSCOW ELEMENTARY SCHOOL	UST
BINGHAM EXXON	UST
BINGHAM EXXON	UST
HOLMOR TRANSPORT CO INC	UST
BEANES STORE	UST
CLARKS GARAGE	UST
HUGHES, WALTER	UST
TRINITY BAPTIST CHURCH	UST
GAUPP, DON & NANCY	UST
BEANES GENERAL STORE	UST
SECTOR 2 TRANSMIT SITE	UST
SECTOR 1 TRANSMIT SITE	UST
PLEASANT RIDGE PLANTATION	UST
LONGFELLOW ELEMENTARY SCHOOL	UST
BINGHAM MUNICIPAL LANDFILL	INST CONTROL
PLUM CREEK TIMBER CO BINGHAM GARAGE	AST
SOMERSET OIL CO BINGHAM	AST
SCOTT PAPER CO EQUIPMENT GARAGE	RCRA-SQG
US MOSCOW AIR FORCE STA	RCRA-SQG, FINDS
MOSCOW ELEMENTARY	FINDS
BOAT LAUNCH SITE	ME Spills
BINGHAM MUNICIPAL LANDFILL	LCP

# OVERVIEW MAP - 01697476.2r



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

■ Oil & Gas pipelines

■ National Wetland Inventory

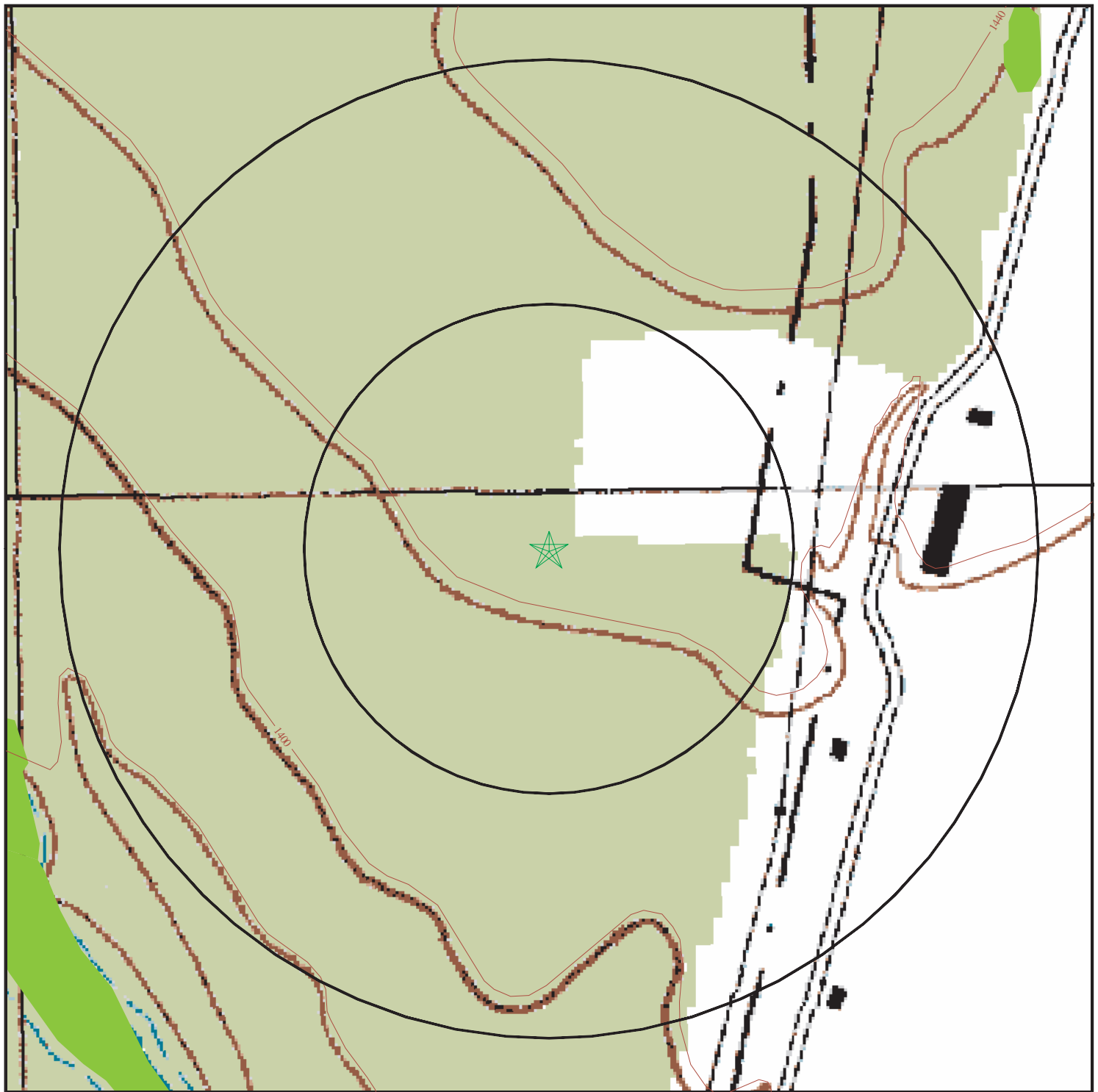
■ State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Moscow Transmitter Site  
ADDRESS: Rte 16  
Moscow ME 04920  
LAT/LONG: 45.1608 / 69.8591

CLIENT: Environmental Express Serv,EES  
CONTACT: Gloria Hagge  
INQUIRY #: 01697476.2r  
DATE: June 15, 2006

# DETAIL MAP - 01697476.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Moscow Transmitter Site  
 ADDRESS: Rte 16  
 Moscow ME 04920  
 LAT/LONG: 45.1608 / 69.8591

CLIENT: Environmental Express Serv,EES  
 CONTACT: Gloria Hagge  
 INQUIRY #: 01697476.2r  
 DATE: June 15, 2006



## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
State Haz. Waste		1.000	0	0	0	0	NR	0
DEL HWS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LCP		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
ME Spills	TP		NR	NR	NR	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO SITES FOUND

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BINGHAM	U000246671	MOSCOW ELEMENTARY SCHOOL	RT 201	04920	UST
BINGHAM	U003561171	BINGHAM EXXON	RT 201	04920	UST
BINGHAM	U003560917	BINGHAM EXXON	RT 201	04920	UST
BINGHAM	U003560286	HOLMOR TRANSPORT CO INC	RT 201	04920	UST
BINGHAM	U003098841	BEANES STORE	RT 201	04920	UST
BINGHAM	U003052941	CLARKS GARAGE	RT 201	04920	UST
BINGHAM	A100150308	PLUM CREEK TIMBER CO BINGHAM GARAGE	RT 201	04920	AST
BINGHAM	A100093208	SOMERSET OIL CO BINGHAM	RT 201	04920	AST
BINGHAM	1000421457	SCOTT PAPER CO EQUIPMENT GARAGE	RT 201	04920	RCRA-SQG
BINGHAM	S106965552		P.O. BOX 652	04920	SWF/LF
BINGHAM	S105795143	BOAT LAUNCH SITE	PLEASANT VIEW RIDGE RD	04920	ME Spills
BINGHAM	S103530394	SOMERSET OIL CO. BULK PLANT	RT.201	04920	LAST
BINGHAM	1000302033	US MOSCOW AIR FORCE STA	STREAM RD	04920	RCRA-SQG, FINDS
BINGHAM	S106788109	CLARK'S GARAGE	UPPER MAIN STREET/ROUTE #201	04920	LUST
CONCORD TWP	U000242214	HUGHES, WALTER	ROUTE 1	04920	UST
CONCORD TWP	S106615823	BINGHAM MUNICIPAL LANDFILL	RTE 16 (RIDGE ROAD)	04920	INST CONTROL
CONCORD TWP	S106673979	BINGHAM MUNICIPAL LANDFILL	RTE 16/RIDGE RD	04920	LCP
MOSCOW	U002167074	TRINITY BAPTIST CHURCH	RT 201	04920	UST
MOSCOW	U000239437	GAUPP, DON & NANCY	RT 201	04920	UST
MOSCOW	U000234402	BEANES GENERAL STORE	RT 201	04920	UST
MOSCOW	S104999868	PROPERTY OF MARSHA AND WILLIAM CUMM	ROUTE 201	04920	LAST
MOSCOW	S105001649	RAILROAD TRACKS	RT. 26	04920	LAST, DEL HWS
MOSCOW	1008334490	MOSCOW ELEMENTARY	PO BOX 649	04920	FINDS
MOSCOW	U003099896	SECTOR 2 TRANSMIT SITE	CHAMBERLAIN HILL RD	04920	UST
MOSCOW	U003099274	SECTOR 1 TRANSMIT SITE	CHAMBERLAIN HILL RD	04920	UST
PLEASANT RIDGE PLT	S106706769		ROUTE LEADING FROM CONCORD TO PLEAS	04920	SWF/LF
PLEASANT RIDGE PLT	U000246026	PLEASANT RIDGE PLANTATION	STAR ROUTE	04920	UST
PLEASANT RIDGE PLT	U000238597	LONGFELLOW ELEMENTARY SCHOOL	STAR ROUTE	04920	UST



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 8  
Telephone: 303-312-6774

EPA Region 4  
Telephone 404-562-8033

### **Proposed NPL: Proposed National Priority List Sites**

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006	Source: EPA
Date Data Arrived at EDR: 05/05/2006	Telephone: N/A
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 05/05/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/31/2006
	Data Release Frequency: Quarterly

### **NPL RECOVERY: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/23/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/21/2006
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

### **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006	Source: EPA
Date Data Arrived at EDR: 03/21/2006	Telephone: 703-413-0223
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 03/21/2006
Number of Days to Update: 23	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Quarterly

### **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 05/21/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: Quarterly

### **RCRA:** Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006	Source: EPA
Date Data Arrived at EDR: 04/27/2006	Telephone: 800-424-9346
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/27/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Quarterly

### **ERNS:** Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 04/26/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 04/14/2006

Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Last EDR Contact: 04/14/2006

Next Scheduled EDR Contact: 07/17/2006

Data Release Frequency: Annually

### **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006

Date Data Arrived at EDR: 03/27/2006

Date Made Active in Reports: 05/22/2006

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 703-603-8905

Last EDR Contact: 03/03/2006

Next Scheduled EDR Contact: 07/03/2006

Data Release Frequency: Varies

### **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006

Date Data Arrived at EDR: 03/27/2006

Date Made Active in Reports: 05/22/2006

Number of Days to Update: 56

Source: Environmental Protection Agency

Telephone: 703-603-8905

Last EDR Contact: 03/03/2006

Next Scheduled EDR Contact: 07/03/2006

Data Release Frequency: Varies

### **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004

Date Data Arrived at EDR: 02/08/2005

Date Made Active in Reports: 08/04/2005

Number of Days to Update: 177

Source: USGS

Telephone: 703-692-8801

Last EDR Contact: 05/12/2006

Next Scheduled EDR Contact: 08/07/2006

Data Release Frequency: Semi-Annually

### **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005

Date Data Arrived at EDR: 01/19/2006

Date Made Active in Reports: 02/21/2006

Number of Days to Update: 33

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

Last EDR Contact: 04/03/2006

Next Scheduled EDR Contact: 07/03/2006

Data Release Frequency: Varies

### **US BROWNFIELDS:** A Listing of Brownfields Sites

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2006	Telephone: 202-566-2777
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 06/12/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 09/11/2006
	Data Release Frequency: Semi-Annually

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 03/13/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/24/2006
	Data Release Frequency: Varies

### **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006	Source: EPA
Date Data Arrived at EDR: 04/28/2006	Telephone: 703-416-0223
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/05/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Annually

### **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 03/20/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 06/19/2006
	Data Release Frequency: Varies

### **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 07/13/2005  
Date Made Active in Reports: 08/17/2005  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 03/21/2006  
Next Scheduled EDR Contact: 06/19/2006  
Data Release Frequency: Annually

### **TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 46

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 04/12/2006  
Next Scheduled EDR Contact: 07/17/2006  
Data Release Frequency: Every 4 Years

### **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006  
Date Data Arrived at EDR: 04/26/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 03/20/2006  
Next Scheduled EDR Contact: 06/19/2006  
Data Release Frequency: Quarterly

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006  
Date Data Arrived at EDR: 04/26/2006  
Date Made Active in Reports: 05/30/2006  
Number of Days to Update: 34

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 03/20/2006  
Next Scheduled EDR Contact: 06/19/2006  
Data Release Frequency: Quarterly

### **SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 05/11/2006  
Date Made Active in Reports: 05/22/2006  
Number of Days to Update: 11

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 03/06/2006  
Next Scheduled EDR Contact: 07/17/2006  
Data Release Frequency: Annually

### **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006  
Date Data Arrived at EDR: 04/21/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 20

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 04/11/2006  
Next Scheduled EDR Contact: 07/17/2006  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005	Source: EPA
Date Data Arrived at EDR: 02/08/2006	Telephone: 202-566-0500
Date Made Active in Reports: 02/27/2006	Last EDR Contact: 06/02/2006
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/07/2006
	Data Release Frequency: Annually

### **MLTS:** Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/26/2006	Telephone: 301-415-7169
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

### **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/29/2006	Telephone: 303-231-5959
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/29/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/26/2006
	Data Release Frequency: Semi-Annually

### **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006	Source: EPA
Date Data Arrived at EDR: 05/02/2006	Telephone: N/A
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 04/03/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/03/2006
	Data Release Frequency: Quarterly

### **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/04/2006
	Data Release Frequency: No Update Planned

### **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/17/2006  
Next Scheduled EDR Contact: 06/12/2006  
Data Release Frequency: Biennially

## **STATE AND LOCAL RECORDS**

### **SHWS:** Remediation Sites List

Uncontrolled Sites locations included in the Remediation Sites List.

Date of Government Version: 02/10/2006  
Date Data Arrived at EDR: 02/28/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-4850  
Last EDR Contact: 05/18/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Semi-Annually

### **DEL HWS:** Sites Removed from the Uncontrolled Sites List

Sites are removed from the List once it is determined that they are not "worthy of listing". This term is used as there are a number of reasons to remove a site from the List, including: no file exists, the site was reported as an oil spill, there is no evidence of a hazardous substance release or based on an investigation the site is referred to another program unrelated to hazardous substance or hazardous waste. Sites are removed on a case by case basis. The USP intends this to be an on-going process, as time and resources allow.

Date of Government Version: 02/10/2006  
Date Data Arrived at EDR: 02/28/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 05/18/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Semi-Annually

### **SWF/LF:** Solid Waste Facility List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/14/2006  
Date Data Arrived at EDR: 03/14/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 15

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 06/05/2006  
Next Scheduled EDR Contact: 09/04/2006  
Data Release Frequency: Annually

### **LCP:** Municipal Landfill Closure Database

The Municipal Landfill Closure and Remediation Program was established in 1988 to assist nearly 400 municipalities with the closure of their unlicensed municipal solid waste landfills. Project managers in this program have conducted site investigations and provided technical engineering assistance to aid municipalities in this process. Funding to accomplish this goal was provided by the state, utilizing several bonds that supported a 75% state cost sharing reimbursement process.

Date of Government Version: 12/15/2005  
Date Data Arrived at EDR: 12/20/2005  
Date Made Active in Reports: 01/16/2006  
Number of Days to Update: 27

Source: Department of Environmental Protection  
Telephone: 207-287-8552  
Last EDR Contact: 06/05/2006  
Next Scheduled EDR Contact: 09/04/2006  
Data Release Frequency: Varies

### **LUST:** Hazardous Material and Oil Spill System Database (H.O.S.S.)

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/25/2006  
Date Data Arrived at EDR: 03/01/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 28

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 06/01/2006  
Next Scheduled EDR Contact: 08/28/2006  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **UST:** Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/28/2005  
Date Data Arrived at EDR: 07/25/2005  
Date Made Active in Reports: 08/25/2005  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 03/17/2006  
Next Scheduled EDR Contact: 06/12/2006  
Data Release Frequency: Quarterly

### **LAST:** HOSS Database

A listing of leaking aboveground storage tanks.

Date of Government Version: 02/25/2006  
Date Data Arrived at EDR: 03/01/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 28

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 06/01/2006  
Next Scheduled EDR Contact: 08/28/2006  
Data Release Frequency: Quarterly

### **AST:** Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 07/26/2005  
Date Data Arrived at EDR: 07/26/2005  
Date Made Active in Reports: 08/30/2005  
Number of Days to Update: 35

Source: Maine Emergency Management Agency  
Telephone: 207-626-4503  
Last EDR Contact: 06/14/2006  
Next Scheduled EDR Contact: 07/10/2006  
Data Release Frequency: Semi-Annually

### **SPILLS:** Hazardous Material and Oil Spill System Database

The database contains surface, groundwater and hazardous material spills.

Date of Government Version: 02/25/2006  
Date Data Arrived at EDR: 03/01/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 28

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 06/01/2006  
Next Scheduled EDR Contact: 08/28/2006  
Data Release Frequency: Quarterly

### **INST CONTROL:** Remediation Sites List

Sites with Institutional Controls in place included in the Remediation Sites List. Institutional Controls are legally enforceable site use restrictions recorded on the property deed and therefore operate in perpetuity regardless of change in site ownership.

Date of Government Version: 02/10/2006  
Date Data Arrived at EDR: 02/28/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-2651  
Last EDR Contact: 05/18/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Semi-Annually

### **VCP:** Remediation Sites List

Voluntary Response Action Program sites included in the Remediation Sites List. VRAP promotes the investigation, remediation and redevelopment of contaminated properties by offering liability assurances/protections from state enforcement actions for applicants to the program.

Date of Government Version: 02/10/2006  
Date Data Arrived at EDR: 02/28/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-4854  
Last EDR Contact: 05/18/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DRYCLEANERS:** Drycleaner Facilities

A listing of drycleaning facilities that use perchloroethylene.

Date of Government Version: 09/06/2005  
Date Data Arrived at EDR: 09/08/2005  
Date Made Active in Reports: 10/07/2005  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-7030  
Last EDR Contact: 06/14/2006  
Next Scheduled EDR Contact: 08/21/2006  
Data Release Frequency: Varies

## **BROWNFIELDS:** Remediation Sites List

Brownfields site locations included in the Remediation Sites List. Brownfields are "Real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant".

Date of Government Version: 02/10/2006  
Date Data Arrived at EDR: 02/28/2006  
Date Made Active in Reports: 03/29/2006  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 207-287-7716  
Last EDR Contact: 05/18/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Varies

## **AIRS:** Emissions Inventory Data

Point Source Criteria Pollutant Emissions Inventory data. Criteria air pollutant emissions, expressed in tons, by facility and pollutant.

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 05/02/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 207-287-7036  
Last EDR Contact: 04/06/2006  
Next Scheduled EDR Contact: 07/10/2006  
Data Release Frequency: Annually

## **TRIBAL RECORDS**

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/08/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 177

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 05/12/2006  
Next Scheduled EDR Contact: 08/07/2006  
Data Release Frequency: Semi-Annually

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **EDR Historical Cleaners:** EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### **CT MANIFEST:** Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 06/14/2006  
Next Scheduled EDR Contact: 09/11/2006  
Data Release Frequency: Annually

### **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 04/24/2006  
Date Made Active in Reports: 05/02/2006  
Number of Days to Update: 8

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 03/17/2006  
Next Scheduled EDR Contact: 07/03/2006  
Data Release Frequency: Annually

### **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/01/2006  
Date Made Active in Reports: 04/20/2006  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/31/2006  
Next Scheduled EDR Contact: 08/28/2006  
Data Release Frequency: Annually

### **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 05/04/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/12/2006  
Next Scheduled EDR Contact: 09/11/2006  
Data Release Frequency: Annually

### **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 09/30/2005  
Date Data Arrived at EDR: 05/09/2006  
Date Made Active in Reports: 05/24/2006  
Number of Days to Update: 15

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/09/2006  
Next Scheduled EDR Contact: 06/19/2006  
Data Release Frequency: Annually

### **VT MANIFEST:** Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 05/17/2006  
Number of Days to Update: 61

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 05/15/2006  
Next Scheduled EDR Contact: 08/14/2006  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### **Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### **AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### **Nursing Homes**

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### **Public Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### **Private Schools**

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Daycare Centers: child Care Listing**

Source: Department of Human Services  
Telephone: 207-287-5060

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## **State Wetlands Data: Wetlands Inventory**

Source: Office of Geographic Information Systems  
Telephone: 207-287-6144

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

MOSCOW TRANSMITTER SITE  
RTE 16  
MOSCOW, ME 04920

### **TARGET PROPERTY COORDINATES**

Latitude (North):	45.16080 - 45° 9' 38.9"
Longitude (West):	69.8591 - 69° 51' 32.8"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	432477.4
UTM Y (Meters):	5000955.0
Elevation:	1423 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	45069-B7 DIMMICK MOUNTAIN, ME
Most Recent Revision:	1989
West Map:	45069-B8 CARATUNK, ME
Most Recent Revision:	1989

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

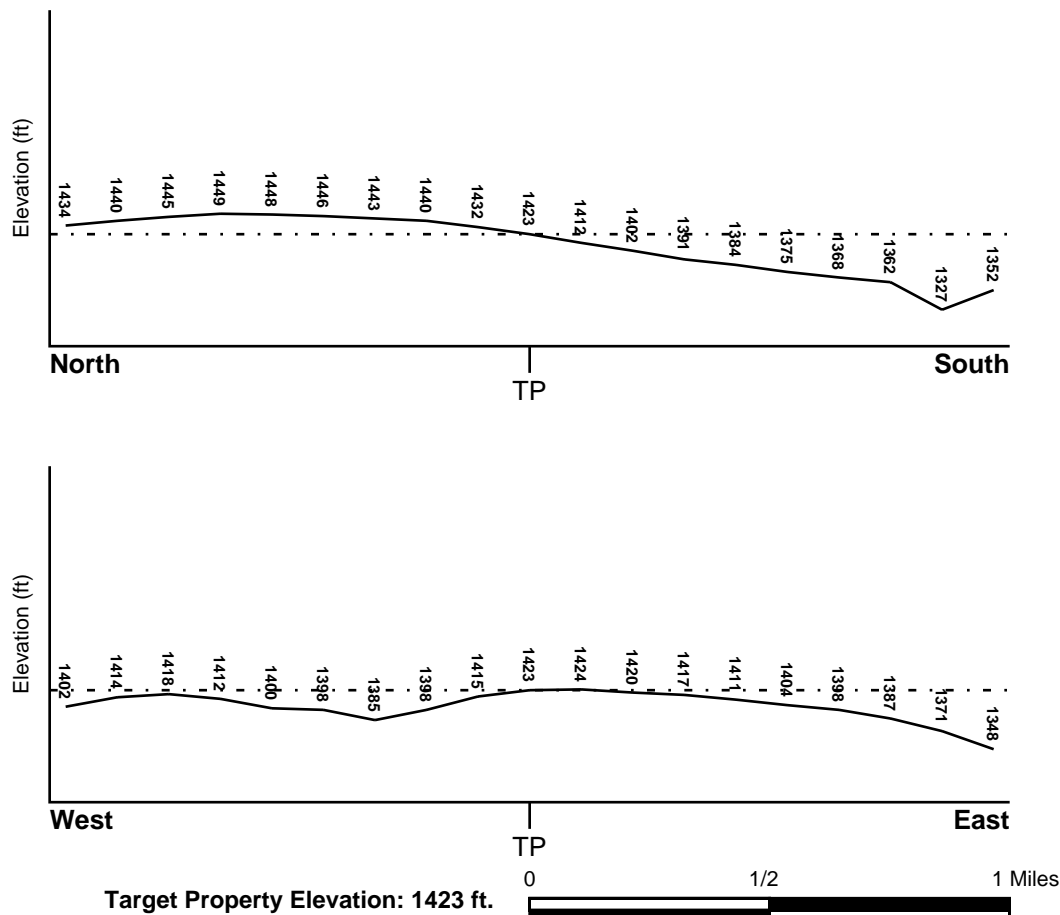
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
SOMERSET, ME	<u>Electronic Data</u>
	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
DIMMICK MOUNTAIN	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Paleozoic
System:	Devonian and Silurian
Series:	Devonian and Silurian
Code:	DSe ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	TELOS
Soil Surface Texture:	very stony - silt loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	very stony - silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
2	2 inches	18 inches	silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
3	18 inches	65 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.20 Min: 0.00	Max: 6.50 Min: 5.10

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinator soil types may appear within the general area of target property.

Soil Surface Textures: extremely stony - silt loam  
 extremely stony - muck  
 extremely stony - fine sandy loam  
 muck  
 very stony - loam

Surficial Soil Types: extremely stony - silt loam  
 extremely stony - muck  
 extremely stony - fine sandy loam  
 muck  
 very stony - loam

Shallow Soil Types: channery - fine sandy loam

Deeper Soil Types: gravelly - silt loam  
 unweathered bedrock  
 very channery - sandy loam  
 channery - silt loam  
 channery - loam  
 muck  
 silt loam  
 gravelly - fine sandy loam  
 fine sandy loam

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### **WELL SEARCH DISTANCE INFORMATION**

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

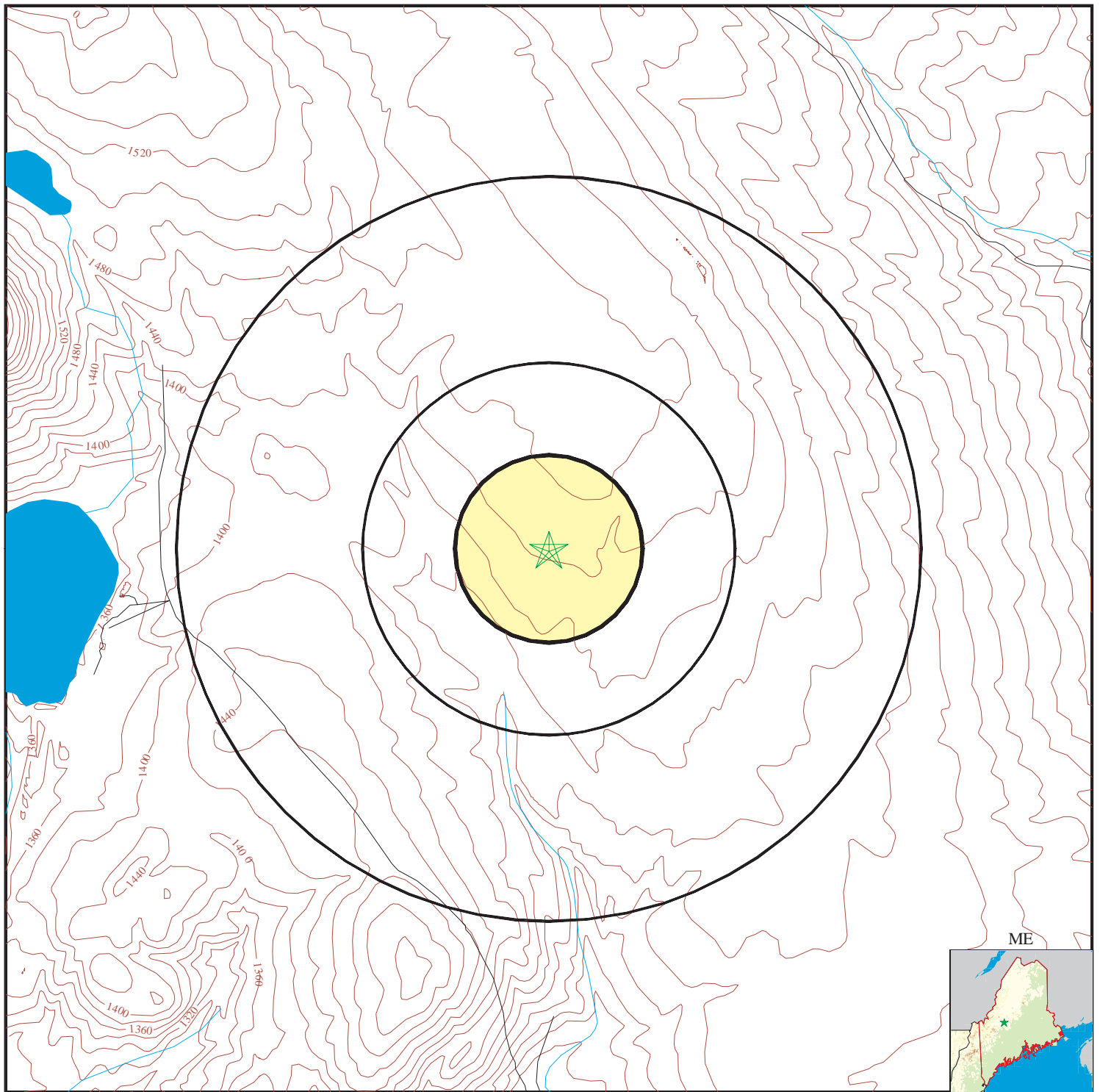
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

### **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 01697476.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: Moscow Transmitter Site  
 ADDRESS: Rte 16  
 Moscow ME 04920  
 LAT/LONG: 45.1608 / 69.8591

CLIENT: Environmental Express Serv,EES  
 CONTACT: Gloria Hagge  
 INQUIRY #: 01697476.2r  
 DATE: June 15, 2006

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

Federal EPA Radon Zone for SOMERSET County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level  $\geq 2$  pCi/L and  $\leq 4$  pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 04920

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	3.950 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### **State Wetlands Data: Wetlands Inventory**

Source: Office of Geographic Information Systems

Telephone: 207-287-6144

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Public Water Supply Wells Database**

Source: Department of Human Services, Drinking Water Program

Telephone: 207-287-6196

There are 3 types of public water systems in Maine: Transient Systems; Community Systems and Non-transient Non-community Systems

## OTHER STATE DATABASE INFORMATION

### RADON

#### **Maine Radon Test Results**

Source: Department of Human Services

Telephone: 207-287-5698

The state of Maine Radiation Control Program's - Radon/Indoor Air Quality Section's position on radon map, is that they should be used neither to predict the presence of high nor low values in any given geographic or geologic area. The only conclusion that should be drawn from this data is that radon is omnipresent in the soil gasses in the state of Maine, and therefore all residences and buildings that come in contact with the ground should be tested for radon.

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### **Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### **Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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## **The EDR Radius Map with GeoCheck®**

**Moscow Transmitter Site  
Route 16  
Moscow, ME 04920**

**Inquiry Number: 871355.4s**

**October 28, 2002**

## ***The Source For Environmental Risk Management Data***

3530 Post Road  
Southport, Connecticut 06890

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

ROUTE 16  
MOSCOW, ME 04920

#### COORDINATES

Latitude (North):	45.160800 - 45° 9' 38.9"
Longitude (West):	69.859100 - 69° 51' 32.8"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	432477.4
UTM Y (Meters):	5000955.0

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2445069-B7 DIMMICK MOUNTAIN, ME
Source:	USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL.....	National Priority List
Proposed NPL.....	Proposed National Priority List Sites
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
CORRACTS.....	Corrective Action Report
RCRIS-TSD.....	Resource Conservation and Recovery Information System
RCRIS-LQG.....	Resource Conservation and Recovery Information System
RCRIS-SQG.....	Resource Conservation and Recovery Information System
ERNS.....	Emergency Response Notification System

### STATE ASTM STANDARD

SHWS.....	Uncontrolled Hazardous Substance Sites Program List of Investigations
SWF/LF.....	Solid Waste Facility List
LUST.....	Hazardous Material and Oil Spill System Database (H.O.S.S.)
UST.....	Underground Storage Tank Database

## EXECUTIVE SUMMARY

### FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Storage Tanks
ME Spills.....	Hazardous Material and Oil Spill System Database

### EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas.....	Former Manufactured Gas (Coal Gas) Sites
---------------	--

### SURROUNDING SITES: SEARCH RESULTS

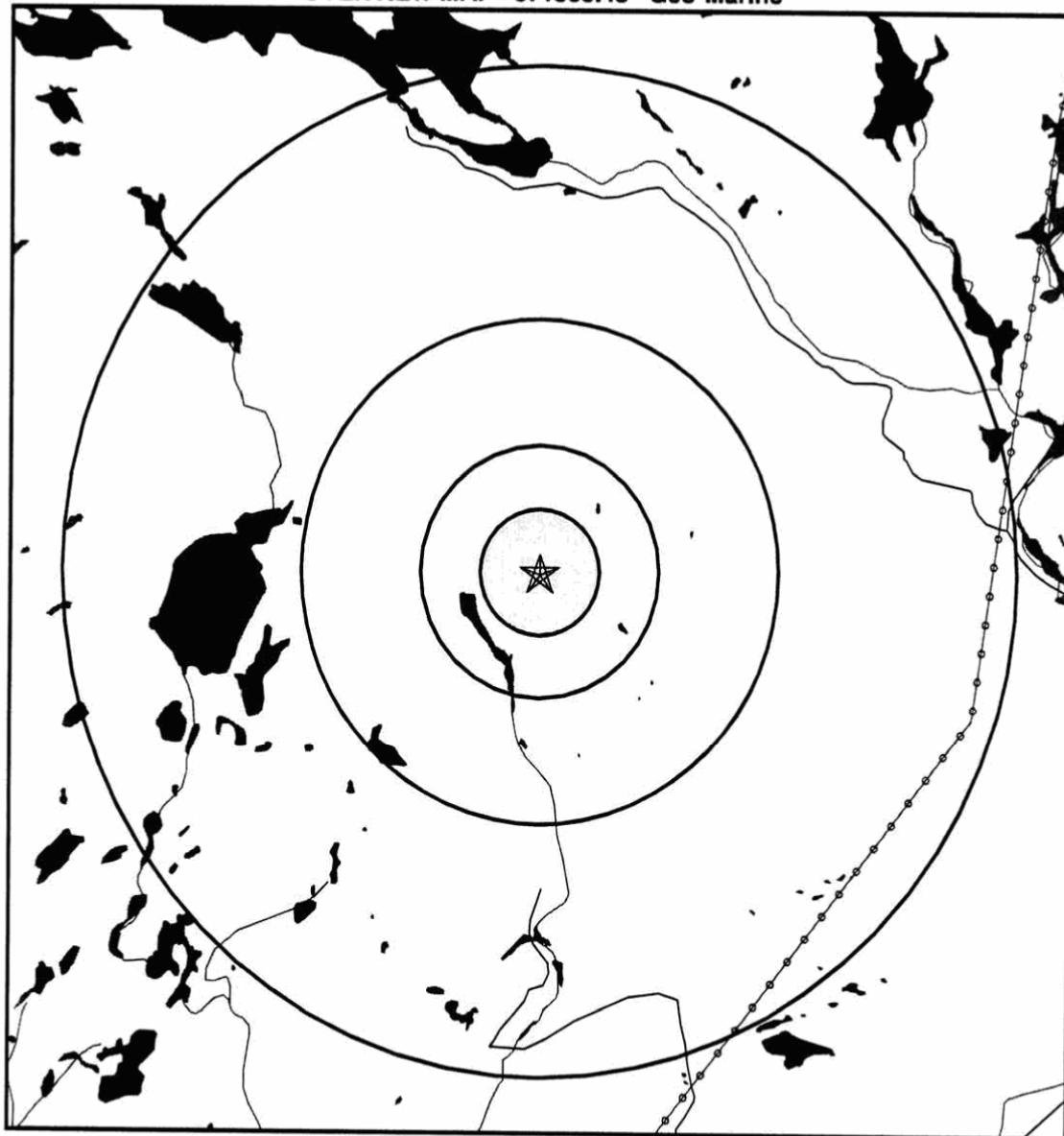
Surrounding sites were not identified.



## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 871355.4s - Geo-Marine



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites

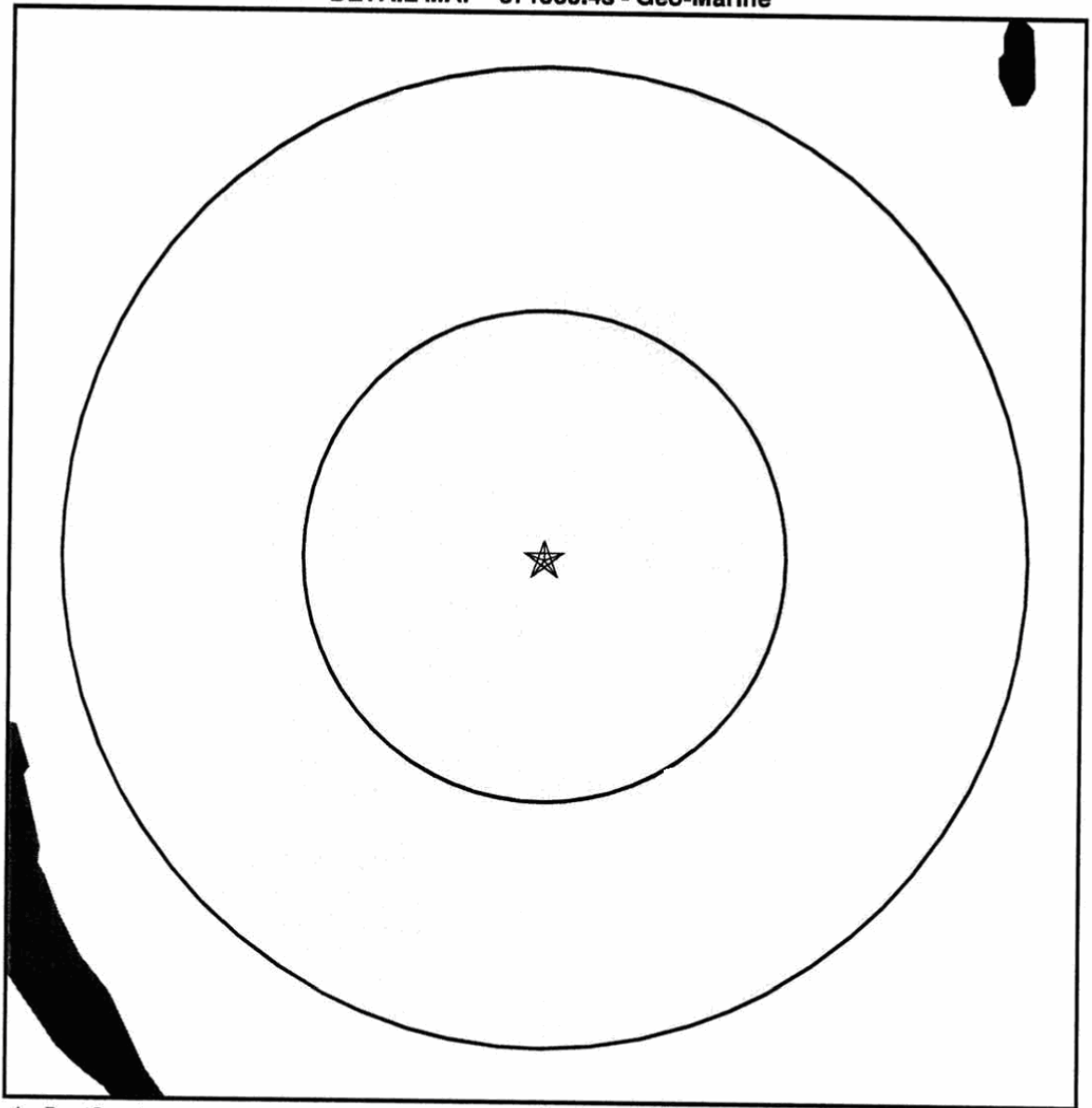
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- Wetlands

TARGET PROPERTY: Moscow Transmitter Site  
 ADDRESS: Route 16  
 CITY/STATE/ZIP: Moscow ME 04920  
 LAT/LONG: 45.1608 / 69.8591

CUSTOMER: Geo-Marine  
 CONTACT: Elizabeth Pruitt  
 INQUIRY #: 871355.4s  
 DATE: October 28, 2002 2:30 pm

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# DETAIL MAP - 871355.4s - Geo-Marine



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ✱ Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- Wetlands



TARGET PROPERTY: Moscow Transmitter Site  
 ADDRESS: Route 16  
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 DATE: October 28, 2002 2:30 pm

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## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		2.000	0	0	0	0	0	0
Proposed NPL		2.000	0	0	0	0	0	0
CERCLIS		2.000	0	0	0	0	0	0
CERC-NFRAP		2.000	0	0	0	0	0	0
CORRACTS		2.000	0	0	0	0	0	0
RCRIS-TSD		2.000	0	0	0	0	0	0
RCRIS Lg. Quan. Gen.		2.000	0	0	0	0	0	0
RCRIS Sm. Quan. Gen.		2.000	0	0	0	0	0	0
ERNS		2.000	0	0	0	0	0	0
<b><u>STATE ASTM STANDARD</u></b>								
State Haz. Waste		2.000	0	0	0	0	0	0
State Landfill		2.000	0	0	0	0	0	0
LUST		2.000	0	0	0	0	0	0
UST		2.000	0	0	0	0	0	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		2.000	0	0	0	0	0	0
ROD		2.000	0	0	0	0	0	0
Delisted NPL		2.000	0	0	0	0	0	0
FINDS		2.000	0	0	0	0	0	0
HMIRS		2.000	0	0	0	0	0	0
MLTS		2.000	0	0	0	0	0	0
MINES		2.000	0	0	0	0	0	0
NPL Liens		2.000	0	0	0	0	0	0
PADS		2.000	0	0	0	0	0	0
RAATS		2.000	0	0	0	0	0	0
TRIS		2.000	0	0	0	0	0	0
TSCA		2.000	0	0	0	0	0	0
SSTS		2.000	0	0	0	0	0	0
FTTS		2.000	0	0	0	0	0	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		2.000	0	0	0	0	0	0
ME Spills		2.000	0	0	0	0	0	0
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Coal Gas		2.000	0	0	0	0	0	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
------	--------	-----------	--------------	-----	-------------

NO SITES FOUND

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM STANDARD RECORDS

#### **NPL:** National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/18/02

Date Made Active at EDR: 09/20/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02

Elapsed ASTM days: 50

Date of Last EDR Contact: 08/01/02

#### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 3  
Telephone 215-814-5418

EPA Region 4  
Telephone 404-562-8033

EPA Region 6  
Telephone: 214-655-6659

EPA Region 8  
Telephone: 303-312-6774

#### **Proposed NPL:** Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 05/29/02

Date Made Active at EDR: 09/20/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02

Elapsed ASTM days: 50

Date of Last EDR Contact: 08/01/02

#### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02

Date Made Active at EDR: 10/28/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02

Elapsed ASTM days: 35

Date of Last EDR Contact: 09/23/02

#### **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02  
Elapsed ASTM days: 25  
Date of Last EDR Contact: 09/23/02

### **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02  
Elapsed ASTM days: 70  
Date of Last EDR Contact: 09/09/02

### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS  
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02  
Date Made Active at EDR: 10/28/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02  
Elapsed ASTM days: 34  
Date of Last EDR Contact: 09/24/02

### **ERNS:** Emergency Response Notification System

Source: EPA/NTIS  
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01  
Date Made Active at EDR: 07/15/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02  
Elapsed ASTM days: 13  
Date of Last EDR Contact: 07/24/02

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02  
Date of Next Scheduled EDR Contact: 12/16/02

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices  
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **ROD:** Records Of Decision

Source: EPA  
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/18/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/01/02  
Date of Next Scheduled EDR Contact: 11/04/02

### **FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 06/13/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **HMIRS:** Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02  
Date of Next Scheduled EDR Contact: 01/20/03

### **MLTS:** Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/12/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02  
Date of Next Scheduled EDR Contact: 01/06/03

### **MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 09/10/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02  
Date of Next Scheduled EDR Contact: 12/30/02

### **NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/26/02  
Date of Next Scheduled EDR Contact: 11/25/02

### **PADS:** PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/28/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/02/02  
Date of Next Scheduled EDR Contact: 11/11/02

### **RAATS:** RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02  
Date of Next Scheduled EDR Contact: 12/09/02

### **TRIS:** Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02  
Date of Next Scheduled EDR Contact: 12/23/02

### **TSCA:** Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02  
Date of Next Scheduled EDR Contact: 12/09/02

### **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 04/25/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02  
Date of Next Scheduled EDR Contact: 12/23/02

### **SSTS:** Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02  
Date of Next Scheduled EDR Contact: 01/20/03



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/25/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02

Date of Next Scheduled EDR Contact: 12/23/02

### **STATE OF MAINE ASTM STANDARD RECORDS**

#### **SHWS: Uncontrolled Hazardous Substance Sites Program List of Investigations**

Source: Department of Environmental Protection

Telephone: 207-287-2651

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/01/02

Date Made Active at EDR: 06/14/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/20/02

Elapsed ASTM days: 25

Date of Last EDR Contact: 08/22/02

#### **SWF/LF: Solid Waste Facility List**

Source: Department of Environmental Protection

Telephone: 207-287-2651

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/24/02

Date Made Active at EDR: 07/10/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 06/24/02

Elapsed ASTM days: 16

Date of Last EDR Contact: 09/09/02

#### **LUST: Hazardous Material and Oil Spill System Database (H.O.S.S.)**

Source: Department of Environmental Protection

Telephone: 207-287-2651

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/06/01

Date Made Active at EDR: 10/26/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/01/01

Elapsed ASTM days: 25

Date of Last EDR Contact: 09/10/02

#### **UST: Underground Storage Tank Database**

Source: Department of Environmental Protection

Telephone: 207-287-2651

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/02/02

Date Made Active at EDR: 10/17/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/04/02

Elapsed ASTM days: 43

Date of Last EDR Contact: 09/04/02

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### STATE OF MAINE ASTM SUPPLEMENTAL RECORDS

**AST:** Aboveground Storage Tanks

Source: Maine Emergency Management Agency

Telephone: 207-626-4503

Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/14/02

Date of Next Scheduled EDR Contact: 01/13/03

**SPILLS:** Hazardous Material and Oil Spill System Database

Source: Department of Environmental Protection

Telephone: 207-287-2651

The database contains surface, groundwater and hazardous material spills.

Date of Government Version: 09/06/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02

Date of Next Scheduled EDR Contact: 12/02/02

### EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

#### **Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

## **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

MOSCOW TRANSMITTER SITE  
ROUTE 16  
MOSCOW, ME 04920

### **TARGET PROPERTY COORDINATES**

Latitude (North):	45.160801 - 45° 9' 38.9"
Longitude (West):	69.859100 - 69° 51' 32.8"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	432477.4
UTM Y (Meters):	5000955.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.



## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE**

Target Property: 2445069-B7 DIMMICK MOUNTAIN, ME  
Source: USGS 7.5 min quad index

#### **GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY**

Target Property: General ESE

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

Target Property County	FEMA Flood
SOMERSET, ME	Electronic Data
	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

#### **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property	NWI Electronic
DIMMICK MOUNTAIN	Data Coverage
	YES - refer to the Overview Map and Detail Map

### **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### AQUIFLOW®

Search Radius: 2,000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Devonian and Silurian
Series:	Devonian and Silurian
Code:	DSe (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	TELOS
Soil Surface Texture:	very stony - silt loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	very stony - silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
2	2 inches	18 inches	silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
3	18 inches	65 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 0.20 Min: 0.00	Max: 6.50 Min: 5.10

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: extremely stony - silt loam  
extremely stony - muck  
extremely stony - fine sandy loam  
muck  
very stony - loam

Surficial Soil Types: extremely stony - silt loam  
extremely stony - muck  
extremely stony - fine sandy loam  
muck  
very stony - loam

Shallow Soil Types: channery - fine sandy loam

Deeper Soil Types: gravelly - silt loam  
unweathered bedrock  
very channery - sandy loam  
channery - silt loam

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

channery - loam  
muck  
silt loam  
gravelly - fine sandy loam  
fine sandy loam

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

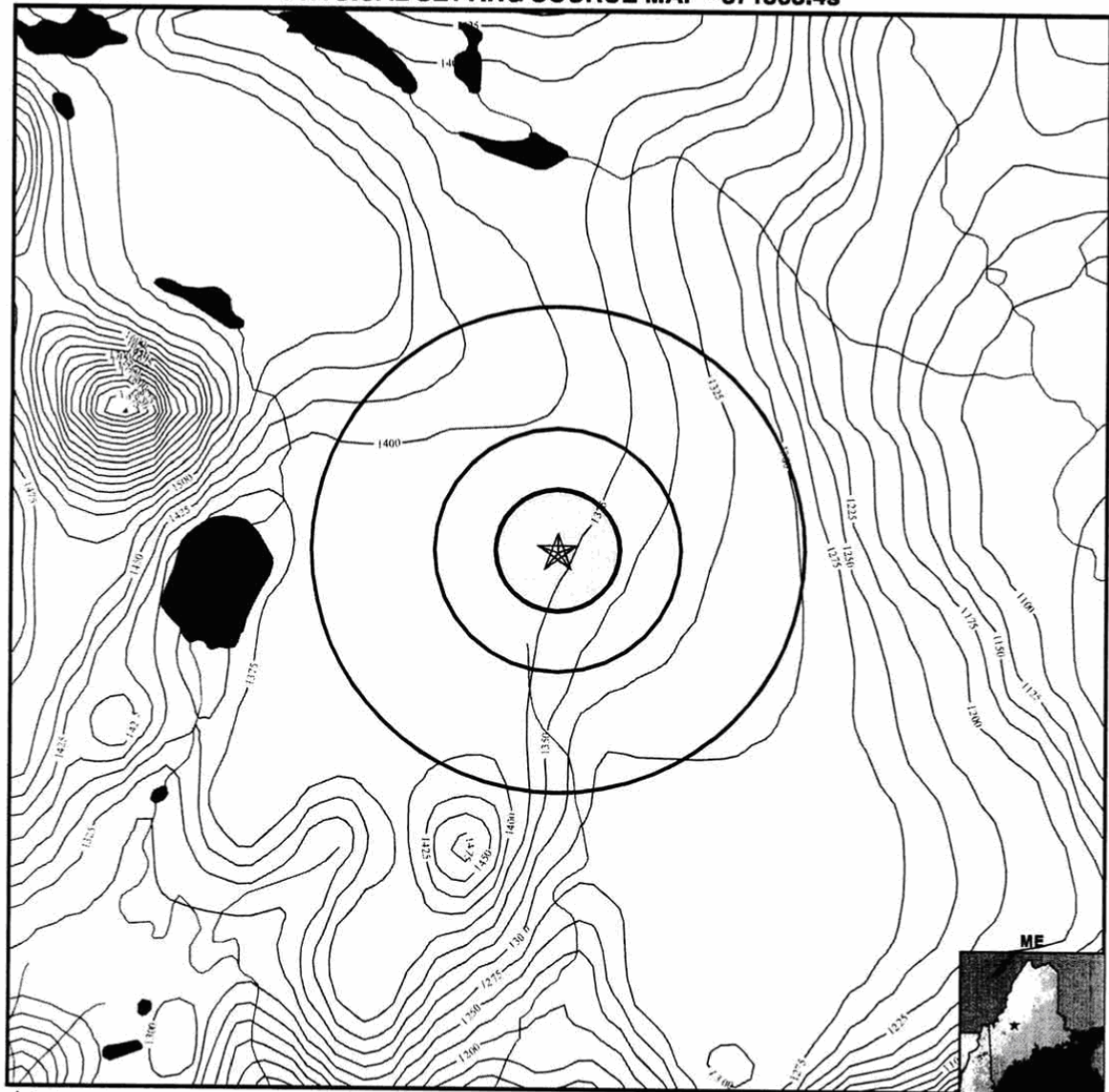
Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		



# PHYSICAL SETTING SOURCE MAP - 871355.4s



- County Boundary
- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

Earthquake epicenter, Richter 5 or greater

TARGET PROPERTY: Moscow Transmitter Site  
 ADDRESS: Route 16  
 CITY/STATE/ZIP: Moscow ME 04920  
 LAT/LONG: 45.1608 / 69.8591

CUSTOMER: Geo-Marine  
 CONTACT: Elizabeth Prullt  
 INQUIRY #: 871355.4s  
 DATE: October 28, 2002 2:30 pm

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## **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON**

### **AREA RADON INFORMATION**

Federal EPA Radon Zone for SOMERSET County: 1

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 04920

Number of sites tested: 2

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	3.950 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

### HYDROGEOLOGIC INFORMATION

#### **AQUIFLOW<sup>®</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### **STATSGO: State Soil Geographic Database**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### **FEDERAL WATER WELLS**

##### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

##### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### Public Water Supply Wells

Source: Department of Human Services, Drinking Water Program

Telephone: 207-287-2070

There are 3 types of public water systems in Maine: Transient Systems; Community Systems and Non-transient Non-community Systems

### RADON

#### Area Radon Information

Source: EPA

Telephone: 303-236-1525

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 202-564-9370

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration



**Real Property and Real Property Installed Equipment  
for OTHB Radar Transmitter Site at Moscow, ME  
4 August 1997**

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5 November, 1997

REAL PROPERTY AND REAL PROPERTY  
INSTALLED EQUIPMENT (RPIE) FOR  
OVER THE HORIZON RADAR TRANSMITTER SITE  
AT MOSCOW, ME  
4 AUGUST, 1997

1. Buildings

a) **Communications - Transmitter/Receiver Site T-1 (Fixed Transmitter Building)**  
(Cat Code: 131116 - COMM, TMTR RCVR) Facility Number: 00001

Transmitter and Admin. (9,408 SF)

- Air Conditioner: EDPAC Model CDXC-09, Serial # 34512-001A, 7.5 Ton. (Room T-108)
- Air Conditioners: Two 16 Ton, Liebert Model FE240G-A01, Serial # 66531A (Room T-111) and EDPAC Model CDXC-23, Serial # 34512-002B. (Room T-112)
- HALON 1301 Fire Systems: (All HALON bottles removed September 97, systems still in place.) Four HALON Fire systems as follows:
  1. For Computer and Monitor Rooms T-111 & T-112, HALON system with two 268 pound bottles of HALON controlled by Chemetronic Micro 4 Control Panel.
  2. For CRYPTO Room T-110, HALON system with two 68 pound bottles of HALON controlled by Chemetronic Micro 4 Control Panel.
  3. For Communications Room T-101, HALON system with two 65 pound bottles of HALON controlled by Chemetronic Micro 4 Control Panel.
  4. For UPS Room T-122, HALON system with two 30 pound bottles of HALON controlled by Chemetronic Micro 4 Control Panel.
- Automatic Fire Detection System: Automatic Fire Detection system is controlled by two Simplex Panels Model 2001-8001, Serial # 1. 079762, 2. no serial #. (Room T-118) The two panels also control and monitor the automatic sprinkler system and monitor the HALON systems. The automatic fire detection system contains 33 smoke detectors and 30 heat detectors. The automatic systems are monitored by security personnel with a Betalarm Monitor Panel. (Room T-100) This monitor panel monitors automatic fire detection systems, HALON fire systems, security and antenna lighting, emergency generator, and water tank temperature at all three sites.
- Automatic Sprinkler System: This system consist of piping throughout the building with 139 sprinkler heads, and one hose stations inside the building with 100 feet of 1 1/2" hose and nozzle.

- Security System: Vindicator Panel Model MD3300 in Entry Control (Room T-100) monitors the TV security system at site T-1, status of all doors for Sites T-1, T-2, & T-3 plus motion detectors in the C & M rooms at all three sites. The TV security system is a Vindicator Model PVS-648 with 7 cameras and 5 monitors. Four of the Monitors are in Entry Control and 1 monitor is in the C & M room T-112.
- Toilet: One. (Room T-107)
- Bathroom Sink: One. (Room T-107)
- Urinal: One. (Room T-107)
- Kitchen Sink: One 19" x 20". (Room T-105)
- Hot Water Heater: MARATHON Model RE04021C, Serial # 91546-0179, 40 gal. (Room T-105)
- Janitor Sink: One, 1.5' x 2'. (Room T-107)
- Lightning Protection: Entire Building. 48 - 1/2" x 24" copper lighting rods on the transmitter building.
- Load Center: GE Type NAB Style 2, 13 switches, 22 spares, 150A main. (Room T-112)
- Load Center: GE Type NANHB Style 2, 7 switches, 7 spares, no main. (Room T-112)
- Load Center: GE Type NEAB Style 2, 20 switches, 11 spares, 100A main. (Room T-100)
- Heater: Dayton Model 2E639B, 5118BTU, 240V, 21A. (Room T-100)
- Heater: BERKO Model HUH320, 11,365BTU. (Room T-107)
- Heater: BERKO Model HUH1548, 51,195BTU, with disconnect, GE, 30A, (Room R-102).
- Ventilation Fan: Barry Blower Model VCR-122. (Room T-101)

#### Logistics (5,687 SF)

- Well: 180' deep, 6" casing, GOULDS 3HP pump Model 35LD30, set at 160', estimated GPM is 7.5. (Adjacent to Building)
- Pump Controller: GOULD Model 2823028110, 3 HP max., 230V. (Room T-120)
- Pressure Tank: Aqua Air Model V250, Serial # GG9510-A93, 25 gallons. (Room T-120)
- Water Fire Pump Station: Peerless Model 3ABF9, Serial # 26308, 500 GPM, 87 PSI. Feeds the automatic sprinkler system and fire mains with fire hydrants and hose stations outside of the building. (Room T-121)
- Jockey Pump: MTH Tool Co. Model 051EBF, Serial # 84-10670, (maintains air pressure on automatic sprinkler system). (Room T-121)
- Fire Pump Controller: FIRTROL, Inc. Cat # FTA1300-AA40B, with ASAE disconnect 480V. (Room T-121)
- Load Center: GE Servicenter Model 9T2151050 with two mains 1. 25A, 2. 30A. (Room T-121)

- Emergency Electric Power Generation Plant: KAMAG Generator Model 1135X9E, Serial # 90730, 113KW, powered by Caterpillar engine Model 3208 CAT, Serial # 30A01223, 235 HP. (Room T-117)
- Day Tank: TRAMONT Model GR 75, Serial # 95537, 75 gallon. (Room T-117)  
Note: The underground fuel tanks have been removed. The only source of fuel for the diesel generator is the day tank.
- Battery Charger: LA MARCHE Model A46-6-24V-A1, Serial # D3412-2. (Room T-117)
- Load Center: GE NHB Style 3, 16 switches, 20 spares, 225A main. (Room T-117).
- Load Center: GE NHB Style 3, 7 switches, 11 spares, 150A main. (Room T-117).
- Air Compressors: Two Ingersoll RAM Model 15HE, Serial # 1. 30T543989, #2. 30T557363. (Room T-117)
- Disconnect: Two GE, 30A, for air compressors. (Room T-117)
- Air Dryers: Two HANKISON Model 80100, Serial # 1. 0321A-2-0680, #2. 0321A-0379-009N. (Room T-117)
- Disconnect: Two GE, 30A, for air dryers. (Room T-117)
- Water Heater for exterior 75,000 gallon water tank: Weil Mc Lain Model CER25, series 3, 82,000 BTU, 240V. (Room T-120)
- Disconnect: For tank water heater, GE, 60A. (Room T-120)
- Transformer: GE Model 9T21B910, 25KVA for water heater. (Room T-120)
- Control Panel: Dosing Tank Control. (Room T-120)
- Load Center: GE, NHB Style 2, 29 Switches, 4 Spare. (Room T-108)
- Load Center: GE, NHB Style 3, 6 Switches, 6 Spare. (Room T-113)
- Compound Area Lighting Panel: One with GE 30A disconnect. (Room T-115)
- Disconnects: Two for security lights, GE 300 Line Controls, 15A. (Room T-115)
- Transformer: GE Model 9T2183095, 9KVA. (Room T-115)
- Load Center: GE NAB Style 2, 16 switches, 50 spares, no main. (Room T-115)
- Power Break: GE Cat # TPVVF7625E1, Frame Type TPVVF7. (Room T-115)
- Load Center: GE CCB Style 2, 9 switches, 1200A max. main. (Room T-115)
- Load Center: GE NAB Style 2, 18 switches, 5 spares, no main. (Room T-115)
- Load Center: GE NAB Style 2, 19 switches, 22 spares, 150A main. (Room T-115)
- Load Center: GE NAB Style 3, 33 switches, 1 spares, no main. (Room T-115)
- Load Center: GE NAB Style 3, 13 switches, 9 spares, no main. (Room T-115)
- Load Center: GE CCB Style 2, 11 switches, no spares, 1200A max. main. (Room T-115)
- Disconnect: GE 480V, Fire Pump Room Breaker. (Room T-115)
- Line Control Centers: Three Cat # 428X808L01, 600A, 460V, 3PH, 60HZ. (Room T-115)
- Load Center: GE EAF3241BBX, 21 switches, 5 spares, 100A main (ABANDONED). (Room T-115)



- UPS By Pass Model BPS-600-XX-60-55-3-1, Serial # 31041 (ABANDONED). (Room T-115)
- Disconnect: GE, 50A, for old BISS System, (ABANDONED). (Room T-115)
- UPS: Emerson Model AV04, Serial 78009-2746, 45KW. (Room T-115)
- Load Center: GE NAB Style 2A, 4 switches, 5 spares, 100A main. (Room T-115)
- Maintenance By Pass Assembly: Westinghouse Cat # LA-54201, Type CDP, 230A. (Room t-115)
- Disconnect: Two GE 208V. (Room T-115)
- Load Center: GE AQF1121MBX-AXB4, 6 switches, 2 spares, no main. (Room T-115)
- Battery Circuit Breaker: Emerson Model APO4D, Serial # 78009-2748. (Room T-115)
- UPS: Best Model F2KVA-8, Serial # 555986. (Room T-115)
- Transformer: GE Model 9T23B3872, 30KVA. (Room T-115)
- Emergency Shower/Eye Wash: One, manufactured by Speakman. (Room T-123)
- Sump Pump: GOULDS Model WPO511S, 20 GPM. (Room T-123)
- Battery Charger: McGraw-Edison Model EBC48-10B, Serial # 1054087. (Room T-123)
- Disconnect: For UPS, Westinghouse Cat # HF264, 200A. (Room T-123)
- Ventilation Fan: Berry Blower Model 8270, Series 8000, Serial # 84-4284. (Room T-117)
- Heater: BERKO Model HUH1548, 51,195BTU, with disconnect, GE, 30A. (Room R-118).
- Heater: BERKO Model HUH1548, 51,195BTU, with disconnect, GE, 30A. (Room R-118).
- Heater: BERKO Model HUH1548, 51,195BTU, with disconnect, GE, 30A. (Room R-118).
- Heater: BERKO Model HUH1548, 51,195BTU, with disconnect, GE, 30A. (Room R-118).
- Heater: BERKO Model HUH2548, 85,325BTU, with GE 60A disconnect. (Room T-117)
- Heater: BERKO Model HUH2548, 85,325BTU, with GE 30A disconnect. (Room T-121)
- Heater: BERKO Model HUH3203, 11,365BTU, with GE 30A disconnect. (Room T-123)
- Heater: BERKO Model HUH1020, 32,765, with GE 60A disconnect. (Room T-120)
- Heater: Taskmaster, TPI Corp., Model P3P512OCAIN, 480V, 20KW, 3PH, 24.7A, 60,000 BTU, (Room T114)
- Heater: Taskmaster, TPI Corp., Model P3P512OCAIN, 480V, 20KW, 3PH, 24.7A, 60,000 BTU, (Room T118)

#### Attached Shed

- 25' x 195' Attached shed at back of building toward the antennas. This shed was used to shield original cooling blowers for the transmitter equipment from the weather. The cooling blowers have been removed, only the concrete pads remain. The square footage of the shed is not included in the square footage for the building.

#### **b) Vehicle Maintenance Shop Site T-1 (Vehicle Maintenance & Storage) (Cat Code: 214425 - VEH MAIN SHP) Facility Number: 00002**

- Load Center: Westinghouse Cat # 12024, Type 1, 8 Switches, 7 spares, no main.
- Four 6" steel pipes filled with concrete, 2 at each door, for vehicle guards.

#### **c) Electric Switching Station Site T-1 (Electric Power Station Building) Cat Code: 813228 - ELEC SWITCH STN) Facility Number: 00003**

- Metal Clad Switch gear: 12.47KV, four panels.
- Heater: TPI Model HF686TN, Serial # 00319-86, 408/208V, 5600BTU.
- Incoming power support A frame, steel I beams 8" x 12". A frame is 27' tall, approximately 20' wide with base on two 2' x 10' concrete pads.

#### **d) Communications - Transmitter/Receiver Site T-2 (Fixed Transmitter Building) (Cat Code: 131116 - COMM, TMTR RCVR) Facility Number: 00004**

##### Transmitter and Admin. (8,515 SF)

- Air Conditioners: Liebert Model FE240G-A03, 16 Ton, (two each) Serial # 1. 81873E, 2. 81873D. (Room T-102)
- HALON 1301 Fire System: (**All HALON bottles removed September 97, systems still in place.**) One system for C & M room T-102, with two 270 pound HALON bottles, Chemetronic Micro 4 Control Panel.. (Room T-100)
- Automatic Fire Detection System: Automatic Fire Detection system is controlled by one Simplex Panel Model 2001-8001, Serial # V47171, (Room T-100) The panel also controls and monitors the automatic sprinkler system and monitors the HALON systems. The automatic fire detection system contains 37 smoke detectors and 37 heat detectors. The automatic systems are monitored by security personnel with a Betalarm Monitor Panel at site T-1.
- Automatic Sprinkler System: This system consist of piping throughout the building with 116 sprinkler heads, and one hose stations inside the building with 100 feet of 1 1/2" hose and nozzle. (Room T-105)

- Security System: Betalarm monitor located adjacent to door outside the building monitors fire alarms, HALON, fire pump, jockey pump, emergency generator, and water tank temperature.
- Toilet: One. (Room T-101)
- Bathroom Sink: One. (Room T-101)
- Urinal: One. (Room T-101)
- Lightning Protection: Entire Building. 40 1/2" x 24" copper lightning rods on the transmitter building.
- Load Center: Square D CathCN92883-712, Two 45A circuit breakers. (Room T-102)
- Load Center: ITE CDP-7, Series 7 A, 15 switches, 11 spares, 180A main. (Room T-102)
- UPS: Exide Series 2000, Model 2045, Serial # B201001F22. (Room T-102)
- Battery Circuit Breaker: GE, 250A. (Room T-102)
- Heater: BERKO Model FFR1520A, 51,195BTU. (Room T-102)
- Ventilation Fan: Barry Blower, Model 245 VCR AF, Serial # 85-3687. (Room T-105)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-105)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-105)

#### Logistics (5,645 SF)

- Well: 420' deep, Burkes 5 HP pump, Model E350SNB34C, pump set at 400', estimated GPM is 7.5. (Adjacent to Building) Well is protected by four 6" steel pipes filled with concrete as vehicle guards.
- Hypochlorator: Pennwalt Model AJ29385, Serial # A416012. (Room T-100)
- Water Softener: MARLO Model H5-45-1-11/2, Serial # 85-25144-A. (Room T-100)
- Pressure Tank: Perma Tank Model PAD 52, 1. Serial # K85347145, (Room T-100)
- Well Pump Disconnect: Siemens Allis 480V. (Room T-100)
- Hot Water Heater: Badford White Model M-I-30R5D, 30 gal. (Room T-100)
- Janitor Sink: One, 2' x 2', 10" deep on floor. (Room T-100)
- Water Fire Pump Station: Peerless Model 3ABF9, Serial # 431026, 500 GPM, 87 PSI. Feeds the automatic sprinkler system and fire mains with fire hydrants and hose stations outside of the building. (Room T-107)
- Jockey Pump: MTH Tool Co Model 051BBF, Serial # 85-12-15-B, (maintains air pressure on automatic sprinkler system). (Room T-107)
- Jockey Pump Disconnect: Toshiba Houston. (Room T-107)
- Fire Pump Controller: FIRTRON, Inc. Cat # FTA1300-AA40B, 40 HP, 3 HP. (Room T-107)
- Load Center: ITE CDP-7 Style 7A, 10 switches, 5 spares, 15A main. (Room T-107)



- Load Center: ITE CDP-7 Style 7A, 13 switches, 3 spares, 100A main. (Room T-107)
- Emergency Electric Power Generation Plant: KAMAG Generator Model 11S5X9E, Serial # 91458, 115KW, powered by Caterpillar engine Model 3208 CAT, Serial # 30A01478, 235 HP. (Room T-108)
- Day Tank: TRAMOUNT Model TR75, Serial # 96370, 75 gallon. (Room T-108)
- Disconnect: Generator water heater, ITE 30A, 600V. (Room T-108)
- Air Compressors: Two Ingersoll Rand. Model 15HE/375-2, Serial # 1. 30T565992, #2. 30T565991. (Room T-106)
- Disconnect: Two, ITE, 60A for air compressors. (Room T-106)
- Air Dryers: Two ZURN Model R-10A Serial # 1. R-14637, #2. R-14636. (Room T-106)
- Disconnect: Two, ITE, 30A, for air dryers. (Room T-106)
- Water Heater for exterior 75,000 gallon water tank: Weil Mc Lain Model CER24, series 2, 82,000 BTU, 480V, 29A, 3PH, with 60A ITE disconnect. (Room T-106)
- Dosing Tank Control. (Room T-106)
- Load Center: ITE CDP-7, Series 7A, 225A, 13 Switches, 10 Spare, 225A main. (Room T-106)
- Compound Area Lighting Panel: Two. (Room T-104)
- Load Center: ITE, 16 Switches, 27 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 16 Switches, 26 Spares, no main. (Room T-104)
- Service Disconnect: Power Break Model TPVVF561, Serial # V65300. (Room T-104)
- Switchboard: ITE FCI Series 6, 6 breakers, 2 spares. (Room T-104)
- Switchboard: ITE FCI Series 6, 14 switches, 5 spares. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 29 Switches, 7 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 9 Switches, 9 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 6 Switches, 6 Spares, 200A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 13 Switches, 9 Spares, no main. (Room T-104)
- Switchboard: ITE FCI Series 6, 9 breakers, 6 spares, 1200A main. (Room T-104)
- Service Center Disconnect: ITE, 400A. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 12 Switches, 10 Spares, no main. (Room T-104)
- Motor Control Center: Part # 9-001-37017-01, Serial # 09-146137917-01, 12 breakers, 2 spares. (Room T-104)



- Load Center: ITE CDP-7 Series 8, 4 Switches, 11 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 8, 17 Switches, 7 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7, 3 Switches, 9 Spares, no main. (Room T-104)
- Disconnect: Calhoun & Paxon Co Inc. Model BPSP-600-XX-60, Serial # 31041, (ABANDONED). (Room T-104)
- UPS: Best Model 1K, Serial # B1KO1911. (Room T-104)
- Emergency Shower/Eye Wash: One, manufactured by Bradley. (Room T-103)
- Sump Pump: GOULDS Model WPO511S, 20 GPM. (Room T-103)
- Battery Charger: McGraw-Edison Model EBC 48-10B, Serial # 1054088. (Room T-103)
- Disconnect: Battery Switch, ITE, 200A, 600V. (Room T-103)
- Ventilation Fan: Barry Blower Model 245 VCR AF, Serial # 85-3687. (Room T-106)
- Ventilation Fan: Barry Blower Model 245 VCR AF, Serial # 85-3688. (Room T-106)
- Ventilation Fan: A. H. Witt Model LHN-103-1/2. (Room T-107)
- Ventilation Fan: ILG Model SQRD-82. (Room T-103)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-106)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-103)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-107)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-101)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-108)
- Heater: Bercko Electric Model HUH2048, 68,260BTU. (Room T-100)
- Heater: Bercko Electric Model HUH2048, 68,260BTU. (Room T-100)
- Heater: Bercko Electric Model HUH2048, 68,260BTU. (Room T-104)
- Heater: Bercko Electric Model HUH2048, 68,260BTU. (Room T-104)
- Heater: Bercko Electric Model HUH748S, 25598BTU. (Room T-106)
- Heater: Bercko Electric Model HUH748S, 25598BTU. (Room T-106)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-103)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-108)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-107)
- Heater: Bercko Electric Model FFR1520A, 51,195BTU. (Room T-101)
- Two 6" steel pipes filled with concrete, vehicle guards, one at each side of the vehicle door at the end of the building at site T-2

**e) Electric Switching Station Site T-2 (Electric Power Station Building) Cat Code: 813228 - ELEC SWITCH STN) Facility Number: 00005**

- Metal Clad Switch gear: 12.47KV, four panels.
- Heater: TPI Model HF686TN, 408/208V, 5600BTU.

- Incoming power support A frame, steel I beams 8" x 12". A frame is 27' tall, approximately 20' wide with base on two 2' x 10' concrete pads.

**f) Communications - Transmitter/Receiver Site T-3 (Fixed Transmitter Building)**  
**(Cat Code: 131116 - COMM, TMTR RCVR) Facility Number: 00006**

**Transmitter and Admin. (8,515 SF)**

- Air Conditioners: Liebert Model FE240G-A03, 16 Ton, (two each) Serial # 1. 85062E, 2. 85052D. (Room T-102)
- HALON 1301 Fire System: (All HALON bottles removed September 97, systems still in place.) One system for C & M room T-102, with two 370 pound HALON bottles, Chemetronic Micro 4 Control Panel.. (Room T-100)
- Automatic Fire Detection System: Automatic Fire Detection system is controlled by one Simplex Panel Model 2001-8001, (Room T-100) The panel also controls and monitors the automatic sprinkler system and monitors the HALON systems. The automatic fire detection system contains 37 smoke detectors and 37 heat detectors. The automatic systems are monitored by security personnel with a Betalarm Monitor Panel at site T-1.
- Automatic Sprinkler System: This system consist of piping throughout the building with 116 sprinkler heads, and one hose stations inside the building with 100 feet of 1 1/2" hose and nozzle. (Room T-105)
- Security System: Betalarm monitor located adjacent to door outside the building monitors fire alarms, HALON, fire pump, jockey pump, emergency generator, and water tank temperature.
- Toilet: One. (Room T-101)
- Bathroom Sink: One. (Room T-101)
- Urinal: One. (Room T-101)
- Lightning Protection: Entire Building. 40 1/2" x 24" copper lighting rods on the transmitter building.
- Load Center: Square D CatHCN92883-712, Two 45A circuit breakers. (Room T-102)
- Load Center: ITE CDP-7, Series 7 A, 15 switches, 11 spares, 180A main. (Room T-102)
- UPS: Exide Series 2000, Model 2045, Order # e233301. (Room T-102)
- Battery Circuit Breaker: GE, 250A. (Room T-102)
- Heater: BERKO Model FFR1520A, 51,195BTU. (Room T-102)
- Ventilation Fan: Barry Blower, Model 245 VCR AF. (Room T-105)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-105)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-105)

### Logistics (5,645 SF)

- Well: 420' deep, Burkes 5 HP pump, Model E350SNB34C, pump set at 400', estimated GPM is 7.5. (Adjacent to Building) Well is protected by four 6" steel pipes filled with concrete as vehicle guards.
- Hypochlorator: Pennwalt Model AJ29385, Serial # A-416012. (Room T-100)
- Water Softener: MARLO Model H5-45-1-11/2, Serial # 86-29362A. (Room T-100)
- Pressure Tank: Perma Tank Model PAD 52, 1. Serial # K8563589, (Room T-100)
- Well Pump Disconnect: Siemens Allis 480V. (Room T-100)
- Hot Water Heater: Badford White Model M-I-30R5D, 30 gal. (Room T-100)
- Janitor Sink: One, 2' x 2', 10" deep on floor. (Room T-100)
- Water Fire Pump Station: Peerless Model 3ABF9, Serial # 435124, 500 GPM, 87 PSI. Feeds the automatic sprinkler system and fire mains with fire hydrants and hose stations outside of the building. (Room T-107)
- Jockey Pump: MTH Tool Co Model 051BBF, Serial # 85-14283, (maintains air pressure on automatic sprinkler system). (Room T-107)
- Jockey Pump Disconnect: Toshiba Houston. (Room T-107)
- Fire Pump Controller: FIRTROL, Inc. Cat # FTA1300-AA40B, 40 HP, 3 HP. (Room T-107)
- Load Center: ITE CDP-7 Style 7A, 10 switches, 5 spares, 15A main. (Room T-107)
- Load Center: ITE CDP-7 Style 7A, 13 switches, 3 spares, 100A main. (Room T-107)
- Emergency Electric Power Generation Plant: KAMAG Generator Model A227719007, Serial # 92940, 115KW, powered by Caterpillar engine Model 3208 CAT, Serial # 30A01761, 235 HP. (Room T-108)
- Day Tank: TRAMOUNT Model TR75, Serial # 96000, 75 gallon. (Room T-108)
- Disconnect: Generator water heater, ITE 30A, 600V. (Room T-108)
- Air Compressors: Two Ingersall Rand. Model 15HE/375-2, Serial # 1. 30T557360, #2. 30T591073. (Room T-106)
- Disconnect: Two, ITE, 60A for air compressors. (Room T-106)
- Air Dryers: Two ZURN Model R-10A Serial # 1. R-14939, #2. R-14938. (Room T-106)
- Disconnect: Two, ITE, 30A, for air dryers. (Room T-106)
- Water Heater for exterior 75,000 gallon water tank: Weil Mc Lain Model CER24, series 2, 82,000 BTU, 480V, 29A, 3PH, with 60A ITE disconnect. (Room T-106)
- Dosing Tank Control. (Room T-106)
- Load Center: ITE CDP-7, Series 7A, 225A, 13 Switches, 10 Spare, 225A main. (Room T-106)
- Compound Area Lighting Panel: Two. (Room T-104)



- Load Center: ITE, 16 Switches, 27 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 16 Switches, 26 Spares, no main. (Room T-104)
- Service Disconnect: Power Break Model TPVVF561, Serial # V65300. (Room T-104)
- Switchboard: ITE FCI Series 6, 6 breakers, 2 spares. (Room T-104)
- Switchboard: ITE FCI Series 6, 14 switches, 5 spares. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 29 Switches, 7 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 9 Switches, 9 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 6 Switches, 6 Spares, 200A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 13 Switches, 9 Spares, no main. (Room T-104)
- Switchboard: ITE FCI Series 6, 9 breakers, 6 spares, 1200A main. (Room T-104)
- Service Center Disconnect: ITE, 400A. (Room T-104)
- Load Center: ITE CDP-7 Series 7A, 12 Switches, 10 Spares, no main. (Room T-104)
- Motor Control Center: Part # 9-001-37017-01, 12 breakers, 2 spares. (Room T-104)
- Load Center: ITE CDP-7 Series 8, 4 Switches, 11 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 8, 17 Switches, 7 Spares, 100A main. (Room T-104)
- Load Center: ITE CDP-7 Series 7, 3 Switches, 9 Spares, no main. (Room T-104)
- Disconnect: Calhoun & Paxon Co Inc. Model BPSP-600-XX-60, (ABANDONED). (Room T-104)
- UPS: Best Model 1K. (Room T-104)
- Emergency Shower/Eye Wash: One, manufactured by Bradley. (Room T-103)
- Sump Pump: GOULDS Model WPO511S, 20 GPM. (Room T-103)
- Battery Charger: McGraw-Edison Model EBC 48-10B. (Room T-103)
- Disconnect: Battery Switch, ITE, 200A, 600V. (Room T-103)
- Ventilation Fan: Barry Blower Model 245 VCR AF. (Room T-106)
- Ventilation Fan: Barry Blower Model 245 VCR AF. (Room T-106)
- Ventilation Fan: A. H. Witt Model LHN-103-1/2. (Room T-107)
- Ventilation Fan: ILG Model SQRD-82. (Room T-103)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-106)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-103)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-107)
- Exhaust Fan: ILG Industries Model CRB-12. (Room T-101)
- Exhaust Fan: ILG Industries Model CRB-24. (Room T-108)
- Heater: Bercko Electric Model HUH2048, 68,260BRU. (Room T-100)

- Heater: Bercko Electric Model HUH2048, 68,260BRU. (Room T-100)
- Heater: Bercko Electric Model HUH2048, 68,260BRU. (Room T-104)
- Heater: Bercko Electric Model HUH2048, 68,260BRU. (Room T-104)
- Heater: Bercko Electric Model HUH748S, 25,598BTU. (Room T-106)
- Heater: Bercko Electric Model HUH748S, 25,598BTU. (Room T-106)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-103)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-108)
- Heater: Bercko Electric Model HUH327S, 11,365BTU. (Room T-107)
- Heater: Bercko Electric Model FFR1520A, 51195BTU. (Room T-101)
- Two 6" steel pipes filled with concrete, vehicle guards, one at each side of the vehicle door at the end of the building at site T-3

**g) Electric Switching Station Site T-3 (Electric Power Station Building) Cat Code: 813228 - ELEC SWITCH STN) Facility Number: 00007**

- Metal Clad Switch gear: 12.47KV, four panels.
- Heater: TPI Model HF686TN, 408/208V, 5600BTU.
- Incoming power support A frame, steel I beams 8" x 12". A frame is 27' tall, approximately 20' wide with base on two 2' x 10' concrete pads.

**2. Systems**

**a) Exterior Area Lighting (Security and Antenna Lighting) (Cat Code: 812926 - EXTERIOR AREA LTG) Facility Number: 00011**

- 125 poles with 518 lights for Security and Antenna field as follows:  
**Site T-1:**  
**Security Lights:**  
 Compound and Parking Area lights, Fourteen poles. One pole with four 500W Quartz Flood Lights, two 250W Mercury Vapor Lights, and 2 Tear Drop Lights, GE Cat # M4AR15SKIGM531F, 150W, 277V. Seven poles with one Tear Drop Light each. Four poles with four 500W Quartz Flood Lights and two Tear Drop Lights each. Two poles with four 500W Quartz Flood Lights each. Three Tear Drop Lights on Microwave Antennas next to building. Six 500W Wide Beam Quartz Flood Lights, Model QBD mounted on attached shed at rear of main building. Fourteen light transformers, GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole.  
  
**Antenna Lights:**  
 Twenty six poles with 4 lights each, 500W Wide Beam Quartz Flood Lights, Crouse Hinds Model QBD. Twenty six transformers, GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole, and 26 cut offs, one on each pole.

**Site T-2:**

**Security Lights:**

Compound and Parking Area lights, Thirteen poles. Eight poles with four 500W Quartz Flood Lights, 1 Tear Drop Light, GE Cat # M4AR15SKIGM531F, 150W, 277V each. Two poles with one Tear Drop Light each. One pole with two 500W Quartz Flood Lights. Two poles with eight 500W Quartz Flood Lights and one Tear Drop Light each. Thirteen light transformers, , GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole.

**Antenna Lights:**

Thirty poles with 4 lights each, 500W Wide Beam Quartz Flood Lights, Crouse Hinds Model QBD. Thirty transformers, GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole, and 30 cut offs, one on each pole.

**Site T-3:**

**Security Lights:**

Compound and Parking Area lights, Twelve poles. Six poles with four 500W Quartz Flood Lights, 1 Tear Drop Light, GE Cat # M4AR15SKIGM531F, 150W, 277V each. Two poles with one Tear Drop Light each. One pole with two 500W Quartz Flood Lights. One pole with four 500W Quartz Flood Lights and one Tear Drop Light. Two poles with eight 500W Quartz Flood Lights and one Tear Drop Light each. Thirteen light transformers, , GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole.

**Antenna Lights:**

Thirty poles with 4 lights each, 500W Wide Beam Quartz Flood Lights, Crouse Hinds Model QBD. Thirty transformers, GE Model 9T51B52, 2KVA, Type 3, 1PH, one on each pole, and 30 cut offs, one on each pole.

**b) Primary Distribution Line Overhead (Primary Distribution Line Overhead)  
(Cat Code: 812223 - PRIM DISTR LNE OH) Facility Number:00017**

- 16300 linear feet of 12.47KV, 3 Phase Power Lines from Site T-1 to Site T-2 and Site T-2 to Site T-3.
- Two 115KW to 12.47KV step down Transformers located in Central Maine Power Company (CMP) power substation.

**c) Primary Distribution Line Underground (Underground Primary Electric Distribution) (Cat Code: 812225 - PRIM DISTR LNE UG) Facility Number: 00015**

- 9150 linear feet of primary distribution line underground and six Westinghouse transformers as follows:



From Central Maine Power Company (CMP) power station to Site T-1, 2400 linear feet; from CMP power station to Site T-2, 2800 linear feet; from CMP power station to Site T-3, 3590 linear feet.

**Site T-1:** 120 linear feet of primary distribution line 480V with two Balteau Standard, Inc. 750KVA transformers, Serial # 1. PQD-0362, 2. PQD-0381. Each transformer is on a concrete pad 5' x 5'. Transformers are protected by two precast concrete walls, L shape around both transformers. Each wall is 8.5' high, 21' long.

**Site T-2:** 120 linear feet of primary distribution line 480V with two Balteau Standard, Inc. 750KVA transformers, Serial # 1. PQD-0358, 2. PQD-0361. Each transformer is on a concrete pad 5' x 5'. Transformers are protected by two precast concrete walls, L shape around both transformers. Each wall is 8.5' high, 21' long.

**Site T-3:** 120 linear feet of primary distribution line 480V with two Balteau Standard, Inc. 750KVA transformers, Serial # 1. PQD-0360, 2. PQD-0363. Each transformer is on a concrete pad 5' x 5'. Transformers are protected by two precast concrete walls, L shape around both transformers. Each wall is 8.5' high, 21' long.

**d) Secondary Distribution Line Underground (Underground Secondary Electric Distribution) (Cat Code: 812226 - SEC DISTR LNE UG) Facility Number: 00016**

- 1,430 linear feet of secondary distribution line underground as follows:

**Site T-1:** 850 linear feet of secondary distribution line.

**Site T-2:** 290 linear feet of secondary distribution line.

**Site T-3:** 290 linear feet of secondary distribution line.

**e) Fire Protection Water Main (Water Distribution From Fire Water Storage) Cat Code: 843314 - FIRE PROTEC WTR MAIN) Facility Number: 00020**

- 2,468 linear feet of fire protection water main, 9 cabinet type hose stations, and 6 cut off valves as follows:

**Site T-1:**

828 linear feet of 6" cast iron water main.

Three cabinet type hose stations, outside of building, containing 200' of 2 1/2" hose and 100' of 1 1/2" hose with nozzle.

Two cut off valves.

**Site T-2:**

820 linear feet of 6" cast iron water main.

Three cabinet type hose stations, outside of building, containing 200' of 2 1/2" hose and 100' of 1 1/2" hose with nozzle.

Two cut off valves.

Four 6" steel pipes filled with concrete around each hose station as vehicle guards.

**Site T-3:**

820 linear feet of 6" cast iron water main.

Three cabinet type hose stations, outside of building, containing 200' of 2 1/2" hose and 100' of 1 1/2" hose with nozzle.

Two cut off valves.

Four 6" steel pipes filled with concrete around each hose station as vehicle guards.

**f) Fire Hydrant (Fire Hydrant) (Cat Code: 843315 - FR HYDR) Facility Number: 00021**

- Nine fire hydrants as follows:

**Site T-1: Three Fire Hydrants.**

**Site T-2: Three Fire Hydrants.**

**Site T-3: Three Fire Hydrants.**

**g) Fire Protection Water Storage (Water Storage Tank for Fire Fighting) (Cat Code: 843319 - FR PROTEC WTR STOR) Facility Number: 00022**

- Three fire protection water storage tanks as follows:

**Site T-1: One steel tank 75,000 gallons, above ground.**

**Site T-2: One steel tank 75,000 gallons, above ground.**

**Site T-3: One steel tank 75,000 gallons, above ground.**



**h) Wind Direction Indicator, (Lighted Wind Sock) (Cat Code: 132678 - WIND DIR INDCTR) Facility Number: 00032**

- Site T-1, 22' high, lighted 8', wind sock ADB-ALNACO Model L-807 with four 150W flood lights for illumination and one obstruction light on top.

**i) Telephone Duct Facility (Underground Communications Cable) (Cat Code: 135583 - TEL DUCT FCLTY) Facility Number: 00037**

- 16,140 linear feet of communications cable, underground, between Site T-1, T-2, & T-3.

**j) Telephone Duct Facility (Underground Data Cable) (Cat Code: 135583 - TEL DUCT FCLTY) Facility Number: 00038**

- 16,140 linear feet of data cable, underground, between Site T-1, T-2, & T-3.

**k) Main Sanitary Sewage (Sanitary Sewer Collection) (Cat Code: 832266 - SAN SEWAGE MAIN) Facility Number: 00051**

- 60 linear feet of 4" cast iron sewer pipe as follows:  
**Site T-1:** 20 linear feet of 4" cast iron sewer pipe.  
**Site T-2:** 20 linear feet of 4" cast iron sewer pipe.  
**Site T-3:** 20 linear feet of 4" cast iron sewer pipe.

**l) Sewage Septic Tank (Septic Tank/Leach Field) (Cat Code: 831169 - SEWAGE SEPTIC TANK) Facility Number: 00052**

- Three septic tanks and leach fields as follows:  
**Site T-1:** 1500 gallon septic and dosing tank with 220 LF of 1 1/2" PVC pipe to 32' x 40' leaching chambers.  
**Site T-2:** 1500 gallon septic and dosing tank with 126 LF of 1 1/2" PVC pipe to 32' x 32' leaching chambers.  
**Site T-3:** 1500 gallon septic and dosing tank with 100 LF of 1 1/2" PVC pipe to 32' x 32' leaching chambers.

**m) Storm Drainage Disposal (Storm Sewer Collection) (Cat Code: 871183 - STRM  
DRN DSPL) Facility Number: 00071**

- 8,116 linear feet of 12, 15, 18, 20, 24, 28, and 30 inch CMP storm culverts as follows:

**Main Access Road:**

1037 Linear feet of 18" steel corrugated pipe in 16 single culverts.  
267 Linear feet of 20" steel corrugated pipe in 4 single culverts.  
736 Linear feet of 24" steel corrugated pipe in 9 single culverts.  
60 Linear feet of 30" steel corrugated pipe in 1 single culvert.

**Site T-1: Antenna Field:**

3000 Linear feet of 24" steel corrugated pipe in 3 single culverts.

**Site T-1: Helicopter Pad Road:**

22 Linear feet of 15" steel corrugated pipe in 1 single culvert.  
24 Linear feet of 24" steel corrugated pipe in 1 single culvert.

**Site T-1: Perimeter Road:**

81 Linear feet of 12" steel corrugated pipe in 2 single culverts.  
62 Linear feet of 18" steel corrugated pipe in 2 single culverts.  
720 Linear feet of 24" steel corrugated pipe in 6 single culverts.  
480 Linear feet of 24" steel corrugated pipe in 2 double culverts.

**Site T-2: Perimeter Road:**

62 Linear feet of 18" steel corrugated pipe in 1 single culvert.  
445 Linear feet of 24" steel corrugated pipe in 6 single culverts.  
65 Linear feet of 30" steel corrugated pipe in 1 single culvert.  
150 Linear feet of 28" steel corrugated pipe in 2 single culverts.

**Site T-3: Perimeter Road:**

295 Linear feet of 18" steel corrugated pipe in 7 single culverts.  
30 Linear feet of 24" steel corrugated pipe in 1 single culvert.  
400 Linear feet of 24" steel corrugated pipe in 2 double culverts.  
180 Linear feet of 30" steel corrugated pipe in 1 double culvert.

**3. Miscellaneous Structures**

**a) Security Fence, Vehicle Security Barriers (Security Fence) (Cat Code: 872247 -  
FENCE SCTY/VEH BAR) Facility Number: 00012**

- 4,117 linear feet of wood and chain link security fence as follows:

**Site T-1:**

Compound security fence: 1107 LF of 8' high wood fence. Compound fence contains 5 vehicle gates. Radiation signs on the outside of the compound fence approximately every 50', equates to about 23 signs.

Electric Switching Station: 212 LF of 8' high chain link fence, contains two vehicle gates. Electric Switching Station with the chain link fence is inside the compound security fence.

**Site T-2:**

Compound security fence: 1188 LF of 8' high wood fence. Compound fence contains 2 vehicle gates and 1 pedestrian gate. Radiation signs on the outside of the compound fence approximately every 50', equates to about 25 signs.

Electric Switching Station: 211 LF of 8' high chain link fence, contains two vehicle gates. Electric Switching Station with the chain link fence is inside the compound security fence.

**Site T-3:**

Compound security fence: 1188 LF of 8' high wood fence. Compound fence contains 2 vehicle gates and 1 pedestrian gate. Radiation signs on the outside of the compound fence approximately every 50', equates to about 25 signs.

Electric Switching Station: 211 LF of 8' high chain link fence, contains two vehicle gates. Electric Switching Station with the chain link fence is inside the compound security fence.

**b) Interior Fence (Fence Around Site) (Cat Code: 872248 - INTERIOR FENCE)  
Facility Number: 00013**

- 43,960 linear feet of wood interior fence as follows:

**Site T-1:**

13,302 Linear feet of 8' high wood interior fence with approximately 267 radiation signs attached to fence. Fence contains 2 vehicle gates.

**Site T-2:**

13,313 Linear feet of 8' high wood interior fence with approximately 267 radiation signs attached to fence. Fence contains 2 vehicle gates.

2,016 Linear feet of 8' high wood interior fence for out of bounds Sounder Antenna, with approximately 40 radiation signs attached to fence. Fence contains 1 vehicle gate.

**Site T-3:**

13,313 Linear feet of 8' high wood interior fence with approximately 267 radiation signs attached to fence. Fence contains 2 vehicle gates.

2,016 Linear feet of 8' high wood interior fence for out of bounds Sounder Antenna, with approximately 40 radiation signs attached to fence. Fence contains 1 vehicle gate.

**c) Antenna Support Structure (Radar) (Cat Code: 132134 - ANT SUP STRU)  
Facility Number: 00031**

- 201 Antenna support structures (Towers, towers are connected at top and bottom by 2' x 16.5" trusses) and 996 concrete pads as follows:

**Site T-1:**

135 Foot Towers: 14 Towers, 12 towers are 18' x 18' at the base (set on four 28" x 28" concrete pads) and 62" x 22" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 62" x 22.5" at the top.

100 Foot Towers: 14 Towers, 12 towers are 15' x 15' at the base (set on four 28" x 28" concrete pads) and 62" x 15.06" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 51" x 18 5/8" at the top.

75 Foot Towers: 12 Towers, 11 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 60" x 15" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

55 Foot Towers: 14 Towers, 12 towers are 9' x 9' at the base (set on four 28" x 28" concrete pads) and 48" x 18 5/8" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top, 1 tower is 6' x 6' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

45 Foot Towers: 10 Towers are 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

35 Foot Towers: 3 Towers are 6' x 6' at the base (set on four 28" x 28" concrete pads) and 72" x 18 5/8" at the top.

Sounder Antenna Supports: Two 30" x 30" concrete pads, 14 18" x 30" concrete pads, two 7.5" x 18" concrete pads, and one pole with 29" dia. concrete pad.

**Site T-2:**

135 Foot Towers: 14 Towers, 12 towers are 18' x 18' at the base (set on four 28" x 28" concrete pads) and 62" x 22" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 62" x 22.5" at the top.



100 Foot Towers: 14 Towers, 12 towers are 15' x 15' at the base (set on four 28" x 28" concrete pads) and 62" x 15.06" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 51" x 18 5/8" at the top.

75 Foot Towers: 12 Towers, 11 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 60" x 15" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

55 Foot Towers: 14 Towers, 12 towers are 9' x 9' at the base (set on four 28" x 28" concrete pads) and 48" x 18 5/8" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top, 1 tower is 6' x 6' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

45 Foot Towers: 10 Towers are 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

35 Foot Towers: 3 Towers are 6' x 6' at the base (set on four 28" x 28" concrete pads) and 72" x 18 5/8" at the top.

Sounder Antenna Supports: Two 36" x 36" concrete pads, 40 10" dia. concrete pads, one 24" x 24" concrete pad, and one pole with 36" dia. concrete pad.

Out of Bounds Sounder Antenna Supports: Two 36" x 36" concrete pads, 40 10" dia. concrete pads, one 24" x 24" concrete pad, and one pole with 36" dia. concrete pad.

#### **Site T-3:**

135 Foot Towers: 14 Towers, 12 towers are 18' x 18' at the base (set on four 28" x 28" concrete pads) and 62" x 22" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 62" x 22.5" at the top.

100 Foot Towers: 14 Towers, 12 towers are 15' x 15' at the base (set on four 28" x 28" concrete pads) and 62" x 15.06" at the top, 2 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 51" x 18 5/8" at the top.

75 Foot Towers: 12 Towers, 11 towers are 12' x 12' at the base (set on four 28" x 28" concrete pads) and 60" x 15" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

55 Foot Towers: 14 Towers, 12 towers are 9' x 9' at the base (set on four 28" x 28" concrete pads) and 48" x 18 5/8" at the top, 1 tower is 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top, 1 tower is 6' x 6' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

45 Foot Towers: 10 Towers are 7' x 7' at the base (set on four 28" x 28" concrete pads) and 48" x 15.06" at the top.

35 Foot Towers: 3 Towers are 6' x 6' at the base (set on four 28" x 28" concrete pads) and 72" x 18 5/8" at the top.

Sounder Antenna Supports: Two 36" x 36" concrete pads, 40 10" dia. concrete pads, one 24" x 24" concrete pad, and one pole with 36" dia. concrete pad.

Out of Bounds Sounder Antenna Supports: Two 36" x 36" concrete pads, 40 10" dia. concrete pads, one 24" x 24" concrete pad, and one pole with 36" dia. concrete pad.

**d) Entrance and Warning Signs (Billboard) (Cat Code: 690252 - BILLBOARD)  
Facility Number: 00066**

- Entrance Sign and Warning signs as follows:

Three Entrance Signs:

Site T-1:, T-2, & T-3: Wood 7' high 6' wide with 4' x 4' metal insert for sign.

Warning signs: 609 4" x 4" wood posts 6' above ground with Government Property warning signs attached as follows:

Site T-1 & Access Road: 294 Warning signs.

Site T-2: 185 Warning signs.

Site T-3: 130 Warning signs.

**e) Flag Pole (Flag Pole) (Cat Code: 690432 - FLAG POLE) Facility Number: 00076**

- One flagpole at Site T-1:, 30' high 6" dia. on concrete pad 30" dia..

4. Plants

- a) Emergency Generators are listed under other facilities.

## 5. Pavements

### **a) Road (On Base Road) (Cat Code: 851147 - ROAD) Facility Number: 00056**

- 110,000 Square Yards of gravel road as follows:

**Access Road:** 3.0 miles long, 30' wide, yielding 52,800 square yards of gravel road.

**Site T-1:** Perimeter road 2.2 miles long, 15' wide, yielding 19,360 square yards of gravel road

**Site T-2:** Perimeter road 1.9 miles long, 15' wide, yielding 16,720 square yards of gravel road

**Site T-3:** Perimeter road 2.4 miles long, 15' wide, yielding 21,120 square yards of gravel road

### **b) Sidewalk (Sidewalks) (Cat Code: 852289 - SIDEWALK) Facility Number: 00057**

- 31 Square yards of side walk as follows:

#### **Site T-1:**

One sidewalk 70' long, 4' wide, 6" thick at main entrance, yielding 31 square yards.

### **c) Pad, Equipment (Concrete Equipment Pads) (Cat Code: 132133 - PAD, EQUIPMENT) Facility Number: 00058**

- 306 Square yards of concrete equipment pads as follows:

#### **Site T-1: 186 SY**

Weather equipment pad 5.5' x 5.5'

Sat Antenna pad, 6 pads 1.5' x 1.5' and 5 pads 12" dia.

A/C condenser pads, two 4.5' x 12'.

A/C condenser pads, 5.6' x 5.6'.

Main transformer pads, two 5' x 5'.

DI Glycol Cooler pads:

5 pads 21' long, 12" wide, 20" high.

3 pads 51' long, 12" wide, 25" high.

2 pads 2' x 2'.

Concrete pad 12' x 10'

Irregular shaped concrete pad 383 SF

Former Antenna Pads, 12 pads 2.25' x 2.25'

Attached shed to main building: